

Price List

Innovative Wood Testing Systems
for Trees and Timber Structures



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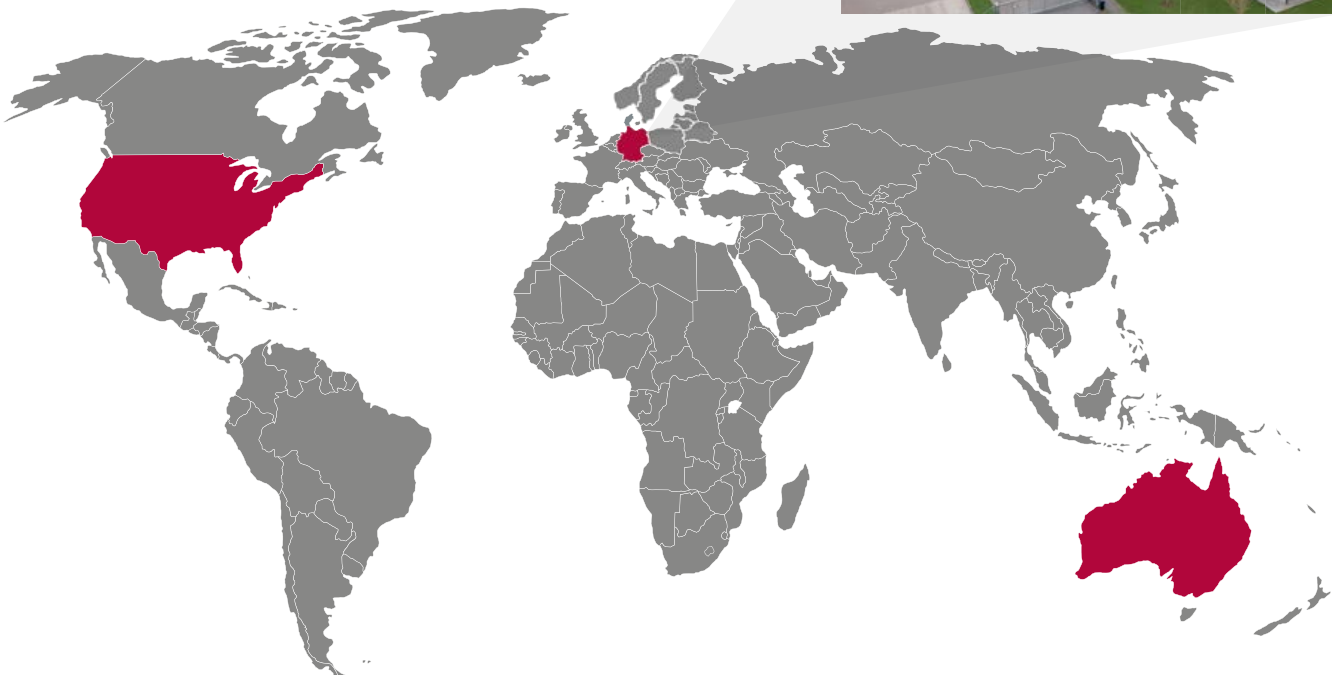
Innovative wood testing systems for trees and timber structures

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From the Vision until Execution...

Since the company was founded in 1985 in the technology park of the University Heidelberg in Germany, Erich Hunger's focus was on innovative products. The products should be reliable, powerful and easy to use. Because of his enthusiasm for technology and never-ending motivation, IML makes the work easier for its customers since 35 years.

With their wide range of products, IML shows what is possible through technical precision and sustainable business. Products for Wood Inspection, Dental industry and precision parts are manufactured with innovative spirit and uncompromising quality. The clear added value for every customer is the basis for the company's success.



Because of the increasing demand in the US and the challenge of supporting the customers overseas optimally, the logical consequence was to found another IML Branch in Georgia (1997).

Improved service, short delivery times and direct contact person on site - IML remains his promise of quality to their customers.

Since 2013, IML serves the ever-growing customer base from New Hampshire. With IML Australia another IML branch was established overseas.

Erich Hunger relies on reliability and consistent quality - His sons Sebastian and Fabian will ensure that the company will remain over the next decades.

They reveal what no one sees: IML's measurement and test instruments deliver reliable information on potential internal damage that cannot be detected from the outside.



For Trees and Construction Wood: Trust is Good, Control is IML

Trees, wooden poles, playground equipment and houses - only the examination of the inside gives safety about the actual state of the object. The drilling resistance measuring devices from IML show easily what cannot be recognized from the outside - possible internal damage.

Through the unique combination of wood- and technical competence, the measurement results are not only reliable but also scientifically recognized.

Large telecommunication companies, energy suppliers and traffic companies rely on IML since decades. Also countless tree- and playground experts or engineers trust IML because they don't want to miss the RESI.



Product
Consulting
Contact

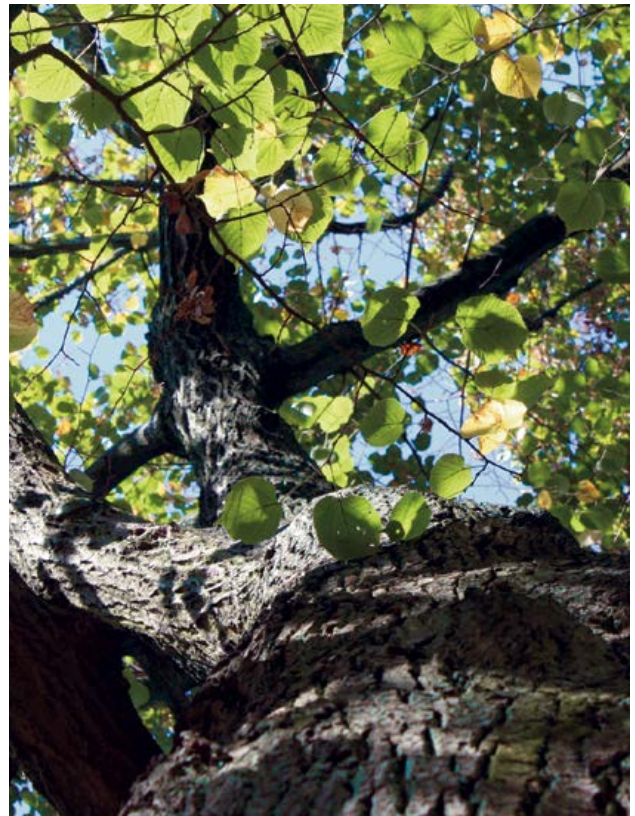
We would be pleased to introduce you to our innovative wood testing systems. Feel free to contact us anytime.

IML – With Passion and Precision

Phone: +49 6222 6797-0
Fax: +49 6222 6797-10
Email: info@iml.de
Web: www.iml-service.com

IML-RESI MD300

Lightweight hand drill, fast and easy to use



IML-RESI MD300

Lightweight hand drill, fast and easy to use

IML-RESI MD300

The IML-RESI MD300 is a purely mechanical drill that does not record an electronic or mechanical measurement curve. The user 'feels' the result and can read the penetration depth on the 300 mm scale. Often an abrupt and fast penetration is perceptible when the instrument detects a rot zone. Even conifer year rings can be felt.

- Cordless drill as drive unit
- Sturdy stainless steel housing
- Easy to read 1:1 depth scale
- Diameter of the drilling needle:
 - Needle tip: Ø 3,0 mm
 - Needle shaft: Ø 1,5 mm
- Available drilling depth 300 mm
- Drill spindle for external drill: Ø 12 mm

Scope of Delivery (Standard):

- MD300 drill attachment (depth 300 mm)
- 2 x drilling needle (Length 387 mm)
- Chuck key (hexagon socket 2,5 mm)
- Instructions manual



IML-RESI MD300



Drilling depth scale 1:1

IML-RESI MD300 without drill (only MD300)	Item No. 4000150	775,00 €
IML-RESI MD300 with Bosch drill GSR 18V Li-Ion Professional - incl. 220V Li-Ion 18V battery charger + 2x Premium Li-Ion batteries 18V 5,0 Ah	Item No. 4000152	1.295,00 €

Optional Accessories

IML-RESI MD300

Drilling Needles IML-RESI MD300 (10 Pieces per Pack) Length 387 mm	Item No. 3100317	150,00 €
Quiver for MD300 Drilling Needles For safe storage of approximately 50 drilling needles	Item No. 3103016	35,00 €
System Transport Case incl. foam inlay and key	Item No. 3100313	273,00 €
Fast Charger 220V for 18V Li-Ion Premium Batteries	Item No. 30009932	192,00 €

IML-RESI PowerDrill®

Uncompromisingly precision for all applications



IML-RESI PowerDrill®

Uncompromisingly precision for all applications

IML-RESI PD-Series

The IML-RESI Power Drill® can be used anywhere where reliable and meaningful test results are required.

- Comfortable with clear display
- Easy, fast and digital recording of the measurement data
- Fatigue-free operation due to the ergonomic design and low overall weight
- High drilling performance with minimal energy consumption
- Rugged and splashproof aluminium housing
- Simultaneous recording of drilling resistance and feed cam for better decay detection
- Automatic curve evaluation for wooden poles

Scope of Delivery (Standard):

- Measuring instrument PD with a mounted drilling needle
- Handle
- 25 m standard memory
- Quiver with 10 drilling needles
- 220V battery charger Li-Ion 18V
- 2x premium 18V
- Mini-USB 2.0 data transfer cable
- Drill chuck with tools
- Pliers
- System transport case
- IML Software Center PD-Tools (incl. 3 installation licences)
- Instructions manual



IML-RESI PD400



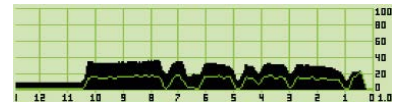
Integrated 45° adapter

IML-RESI PD300 Drilling depth 300 mm	Item No. 3100900-3PD	6.085.00 €
IML-RESI PD400 Drilling depth 400 mm	Item No. 3100900-4PD	6.435.00 €
IML-RESI PD500 Drilling depth 500 mm	Item No. 3100900-5PD	6.665.00 €
IML-RESI PD600 Drilling depth 600 mm	Item No. 3100900-6PD	6.890.00 €
IML-RESI PD750 Drilling depth 750 mm	Item No. 3100900-7PD	7.475.00 €
IML-RESI PD1000 Drilling depth 1000 mm	Item No. 3100900-8PD	8.610.00 €

Optional Add-Ons

IML-RESI PD-Series

FEED Measurement



Additional recording of the feed curve (compressive force) next to the drilling curve (torsional force). In some cases the feed curve contains a significantly reduced curve or no shaft friction at all acting on the drilling needle. This means that it is considerably easier to detect the difference between healthy and damaged wood. In addition, it is easier to diagnose rot on the feed curve at an early stage.

FEED Measurement

Item No. 4100017

360,00 €

TLT Tilt Sensor



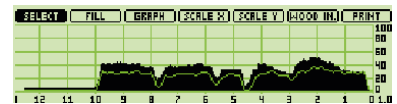
Tilt angle display and storage. Optional tilt compensation in the drilling depth preselection.

TLT Tilt Sensor

Item No. 4100018

200,00 €

SCL Scaling Package



Scaling of the drilling depth on a scale of 1:1, magnification, and overall view (full drilling depth on display width).
Scaling of the amplitude to a fixed factor of 1.0 / 1.5 / 2.0 / 2.5 / 3.0 or automatic scaling.

SCL Scaling Package

Item No. 4100019

200,00 €

NC Needle Check



Automatic check of needle tip for breakage and wear before every measurement. Different wear tolerances can be selected when ordering. The status of the needle ('ok' / 'worn') is stored with each measurement..

NC Needle Check

Item No. 4100015

615,00 €

MEM Memory Enlargement

Memory Enlargement MEM1*

50 metres recording length of the measurement curves

Item No. 4100008

115,00 €

Memory Enlargement MEM2*

100 metres recording length of the measurement curves

Item No. 4100009

225,00 €

Memory Enlargement MEM3*

180 metres recording length of the measurement curves

Item No. 4100010

370,00 €

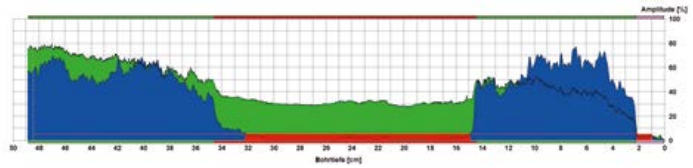
* If you have installed the feed module, the specified memory length is halved due to the additional measurement graph

IML Software & Optional Add-Ons

IML-RESI PD-Series

IML Software Center PD-Tools **PRO**

Extended evaluation software



Functions PD-Tools Standard:

- Configuration
- Transfer
- Analysis
- Magnification
- Print-out and saving

Additional functions PRO version:

- Export of several measurements
- Averaging
- Multi-printing
- Cavity detector
- Tree-ring analysis
- Live display during drilling on a PC or handheld device

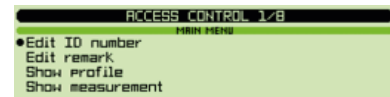
IML Software Center PD-Tools PRO
incl. 3 installation licences

Item No. 3100808 **705,00 €**

Each additional license

Item No. 3100890 **175,00 €**

WoodInspector incl. PD-Tools **PRO**



The IML WoodInspector is an additional module for the PD-Tools PRO software package. An automatic assessment of wooden poles is performed by the IML WoodInspector. Its features are: graphic and numerical cavity detection, detection of decay and incipient decay, evaluation of the data feed, automatic diameter detection for automatic withdrawal of the drilling needle after exiting below a particular drilling angle, displaying the drilling result immediately after drilling, individual user adjustment.

IML WoodInspector incl. PD-Tools PRO

Item No. 3100814 **1.165,00 €**

IML WoodInspector Complete Package
incl. IML WoodInspector, FEED, TLT, SCL and ACS

Item No. 3100815 **1.785,00 €**

ACS Access Control



Locks of almost all functions and settings with a password prompt. Avoids an unintentional change of device settings.

ACS Access Control

Item No. 4100020 **110,00 €**

RCI API (application programming interface)

Interface for configuration, control and data transfer to customer software (not using PD-Tools/PD-Tools PRO). The data may be processed further directly by the customer software.

RCI API

Item No. 3100807 **1.190,00 €**

Optional Accessories

IML-RESI PD-Series

Shoulder Strap

Shoulder strap with 2 snap hooks and 2 sturdy eyelets on the instrument



Shoulder Strap

Item No. 30009903

57,50 €

Eyelets for shoulder strap

Item No. 4100036

11,00 €

Transport Bag

Transport bag with belt for IML-RESI PD instrument with practical side pockets for batteries, pliers and quiver



Transport Bag for IML-RESI PD300 / PD400

Item No. 4100047

199,00 €

Transport Bag for IML-RESI PD500

Item No. 4100053

199,00 €

Screenprotector

For display protection



Screenprotector

Item No. 4100058

51,00 €

Cleaning Tool

Tool for cleaning the front adapter



Cleaning Tool with Brush

Item No. 4100056

26,50 €

Frontadapter 25 / 45 / 60 mm

Frontadapter with 25 / 45 / 60 mm extension



Frontadapter 25 mm

Item No.3100932-25

121,00 €

Frontadapter 45 mm

Item No.3100932-45

121,00 €

Frontadapter 60 mm

Item No.3100932-60

121,00 €

Tree marker numbering set for drillings

Set with 19 tree markers. 8 cardinal points labelled, 10 tree markers from 1-10, one tree marker for the reference measurement



Tree Marker numbering set for drill holes

Item No. 4000173

18,50 €

Optional Accessories

IML-RESI PD-Series

Bluetooth Printer 2.0

On-site print-out of measurements on a 1:1 scale on thermal paper stripes

Bluetooth Printer
incl. 10 thermal-paper rolls



Item No. 4100114 **695,00 €**

Quiver for Drilling Needles

For safe storage of approximately 50 drilling needles

IML-RESI PD200 / PD300 / PD400



Item No. 3104017 **35,00 €**

IML-RESI PD500

Item No. 3105020 **35,00 €**

IML-RESI PD600

Item No. 3105017 **35,00 €**

IML-RESI PD750

Item No. 3105018 **35,00 €**

IML-RESI PD1000

Item No. 3105019 **35,00 €**

System Transport Case

Stable system transport case with foam insert and key



IML-RESI PD200 / PD300

Item No. 3100413 **284,00 €**

IML-RESI PD400

Item No. 3100711 **295,00 €**

IML-RESI PD500

Item No. 3100811 **315,00 €**

IML-RESI PD600

Item No. 3100812 **325,00 €**

IML-RESI PD750

Item No. 3100911 **325,00 €**

IML-RESI PD1000

Item No. 3100912 **355,00 €**

Premium Battery

Spare battery

Premium Battery 18V Li-Ion 5,0 Ah



Item No. 30009999 **125,00 €**

Fast Charger for Premium Batteries with Li-Ion Technology 110V - 220V

Only for premium 18V batteries with Li-Ion technology in the MD, F and PD series

Fast Charger 220V for 18V Li-Ion Premium Batteries

Item No. 30009932 **192,00 €**

Fast Charger 110V with US Plug for 18V Li-Ion Premium Batteries

Item No. 30009934 **210,00 €**



Disposables

IML-RESI PD-Series – Drilling needles with a special and improved surface coating

Standard Drilling Needles,Click'

For tree & construction wood inspection (10 pieces per pack)



IML-RESI PD200	(Ø 3,0 mm tip / length: 422 mm)	Item No. 3100339	172,00 €
IML-RESI PD300	(Ø 3,0 mm tip / length: 422 mm)	Item No. 3100340	172,00 €
IML-RESI PD400	(Ø 3,0 mm tip / length: 521 mm)	Item No. 3100341	184,00 €
IML-RESI PD500	(Ø 3,0 mm tip / length: 688 mm)	Item No. 3100342	184,00 €
IML-RESI PD600	(Ø 3,0 mm tip / length: 795 mm)	Item No. 3100343	195,00 €
IML-RESI PD750	(Ø 3,0 mm tip / length: 947 mm)	Item No. 3100344	205,00 €
IML-RESI PD1000	(Ø 3,0 mm tip / length: 1271 mm)	Item No. 3100345	215,00 €

Drilling Needles ,Click' for Pole Inspection

For pole inspection (10 pieces per pack)



IML-RESI PD200	(Ø 3,0 mm tip / length: 421 mm)	Item No. 3100349	142,00 €
IML-RESI PD300	(Ø 3,0 mm tip / length: 421 mm)	Item No. 3100350	142,00 €
IML-RESI PD400	(Ø 3,0 mm tip / length: 520 mm)	Item No. 3100351	155,00 €
IML-RESI PD500	(Ø 3,0 mm tip / length: 687 mm)	Item No. 3100352	155,00 €
IML-RESI PD600	(Ø 3,0 mm tip / length: 794 mm)	Item No. 3100353	166,00 €
IML-RESI PD750	(Ø 3,0 mm tip / length: 946 mm)	Item No. 3100354	181,00 €
IML-RESI PD1000	(Ø 3,0 mm tip / length: 1270 mm)	Item No. 3100355	181,00 €

Thermal-Paper Rolls

Thermal-paper rolls for IML-RESI PD-Series Bluetooth printers (10 rolls per pack)



For Bluetooth Printer 1.0 (25m per roll)	Item No. 3100336	36,00 €
For Bluetooth Printer 2.0 (12m per roll)	Item No. 3100337	36,00 €

You have a device with
Threaded Drilling Needles?
Please contact us: info@iml.de

Spare Parts

IML-RESI PD-Series

45° Adapter

Aluminium adapter



Item No. 3100932 61,00 €

45° Adapter

Item No. 10700-021 10,00 €

PVC Ring for Adapter

Front Adapter

Complete front adapter made of brass



Item No. 3100937 120,00 €

Front Adapter without Measuring Sleeve

Tool Kit Front Adapter

Tool kit for the exchange of the measuring sleeve



Tool Kit Front Adapter, 'Tree'
incl. tool and 2x measuring sleeves

Item No. 4000158 35,00 €

Tool Kit Front Adapter, 'Pole'
incl. tool and 2x measuring sleeves

Item No. 4000163 35,00 €

Measuring Sleeves, 'Tree' 10 pieces

Item No. 4000162 58,00 €

Measuring Sleeves, 'Pole' 10 pieces

Item No. 4000165 58,00 €

Handle

Additional handle which can be attached to the device in different positions



Handle

Item No. 4100024 58,00 €

USB-Cable and Cover

Additional USB cable and USB cover for the PD

USB cable

Item No. 4100065 7,50 €

USB cover

Item No. 10600-015 15,00 €

Combination pliers

Combination pliers for the PD and for the F-device

Combination pliers

Item No. 4100025 19,50 €

Spare Parts

IML-RESI PD-Series

Exchangeable Telescope

Exchangeable telescope



IML-RESI PD200 / PD300 / PD400	Item No. 4100016	482,00 €
IML-RESI PD500	Item No. 4100021	598,00 €
IML-RESI PD600	Item No. 4100031	598,00 €
IML-RESI PD750	Item No. 4100022	734,00 €
IML-RESI PD1000	Item No. 4100023	850,00 €

Exchangeable Drill Chuck,Click'

Exchangeable drill chuck with 'Click' system

Exchangeable Drill Chuck for all PD-Series Instruments



Item No. 10500-048	195,00 €
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Exchangeable Drill Chuck,Click' with Tool

Exchangeable drill chuck,click' with tool



Tool set incl. interchangeable drill chuck	Item No. 10500-048/3	359,00 €
Telescope assembly tool	Item No. 10500-030/3	30,50 €
Front adapter assembly tool	Item No. 10800-002	30,50 €
Assembly tool Drill chuck	Item No. 10500-029/3	103,00 €

Disinfection Adapter

Adapter for disinfecting the drilling needle



Disinfection Adapter for Standard Drilling Needles	Item No. 4100043	105,00 €
Disinfection Adapter for Pole Inspection Drilling Needles	Item No. 4100042	105,00 €
Felt Wheels 10 Pieces	Item No. 4100044	12,50 €
Adapter for Telescope Key	Item No. 10500-025	21,00 €

Easy and efficient:
You can attend our
seminars online, from
your office or home
office.



Our seminars support you to become a RESI Professional!

With our seminars you benefit from our extensive knowledge from more than 35 years experience in the field of wood testing and drilling resistance measurement.

No matter if you are beginner, advanced or professional user - we offer seminars for every user for tree-, wooden pole- or construction wood inspections.

IML-RESI PowerDrill® Seminars

Seminar content	Professional	Master ^{*2}
Basics	■■■	■■■
Safety Information	■■■	■■■
Device Application & Interpretation	■■■	■■■
Wood Anatomy	■■■	■■■
Case Studies	■■■	■■■
Questions & Answers	■■■	■■■
Analysis with IML-Software	■■■	■■■
Visual Tree Assessment	×	■■■
Practical application on trees and wood samples	×	■■■
Intensive Measurement Interpretation	×	■■■
Certificate	✓	✓
Duration	7 hours ^{*1}	8 hours ^{*1}
Price per participant plus VAT	295,00 €	395,00 €

*1 Including breaks

*2 Professional / Experience recommended as a basis

■■■ Weighting of the contents



Certificate

For every Professional- and Master seminar you will get a Certificate



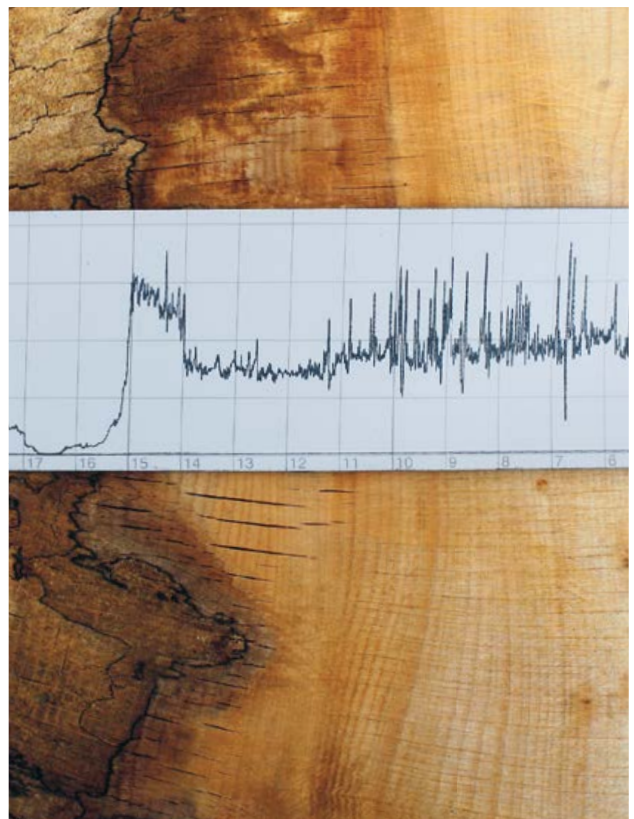
Seminar Documents

You get a copy of the seminar presentation as a PDF file for your records

... Contact us for further information! [+49 6222 67970](tel:+49622267970) / info@iml.de

IML-RESI F-Series

Compact and flexible use



IML-RESI F-Series

Compact and flexible use

IML-RESI F-Series

The IML-RESI F-Series can be used anywhere where reliable and meaningful test results are required.

- Cordless drill as a drive unit
- On-site documentation of measurement results
- Recording of the measurement curve on weather-proof wax paper strips
- Low weight ensures efficient operation even in difficult operational areas
- Splash-proof stainless steel housing with plexiglass cover to protect the measurement record
- Measurements below 45° using snap-on adapter for drills with construction wood configuration

The IML-RESI F-Series is Available in Two Versions for Different Applications:

- Tree inspection
- Construction wood

Further Two Enhanced Versions can be Ordered:

- S-Version: Particularly stable design of the needle support for frequent use in hardwoods
- SX-Version: Improved needle guidance using the exchangeable telescope

Scope of Delivery (Tree Inspection):

- F-Series measurement device with mounted drilling needle
- Bosch drill GSR 18V Li-Ion Professional with adapter ring
- 220V Charger Li-Ion 18V and 2x 18V Li-Ion 5,0 Ah batteries
- Shoulder strap
- 10x drilling needles
- 400x wax paper strips
- Paper cassette
- Tool for maintenance, 'Tool Kit'
- System transport case
- Instructions manual



IML-RESI F300SX



Scope of Delivery (Construction Wood):

- F-Series measurement device with mounted drilling needle for 45° Adapter
- Bosch drill GSR 18V Li-Ion Professional with adapter ring
- 220V Charger Li-Ion 18V and 2x 18V Li-Ion 5,0 Ah batteries
- Shoulder strap
- 45° Adapter
- 10x drilling needles for 45° Adapter
- 400x wax paper strips
- Paper cassette
- Tool for maintenance, 'Tool Kit'
- System transport case
- Instructions manual

IML-RESI F-Series

For Tree Inspection



IML-RESI F-Series for Tree Inspection

IML-RESI F300 Drilling depth 300 mm	Item No. 3100800-3S	3.025,00 €
IML-RESI F400 Drilling depth 400 mm	Item No. 3100800-4S	3.370,00 €
IML-RESI F500 Drilling depth 500 mm	Item No. 3100800-5S	3.730,00 €

IML-RESI FS-Series for Tree Inspection (Reinforced S-Version)

IML-RESI F300S Drilling depth 280 mm	Item No. 3100810-3S	3.315,00 €
IML-RESI F400S Drilling depth 380 mm	Item No. 3100810-4S	3.655,00 €
IML-RESI F500S Drilling depth 480 mm	Item No. 3100810-5S	3.995,00 €

IML-RESI FSX-Series for Tree Inspection (Reinforced SX-Version)

IML-RESI F300SX Drilling depth 280 mm	Item No. 3100810-3SX	3.825,00 €
IML-RESI F400SX Drilling depth 380 mm	Item No. 3100810-4SX	4.115,00 €
IML-RESI F500SX Drilling depth 480 mm	Item No. 3100810-5SX	4.510,00 €

IML-RESI F-Series

For Construction Wood Inspection



IML-RESI F-Series for Construction Wood

IML-RESI F300 Drilling depth 300 mm	Item No. 3100900-3S	3.200,00 €
IML-RESI F400 Drilling depth 400 mm	Item No. 3100900-4S	3.505,00 €
IML-RESI F500 Drilling depth 500 mm	Item No. 3100900-5S	3.880,00 €

IML-RESI FS-Series for Construction Wood (Reinforced S-Version)

IML-RESI F300S Drilling depth 280 mm	Item No. 3100910-3S	3.470,00 €
IML-RESI F400S Drilling depth 380 mm	Item No. 3100910-4S	3.770,00 €
IML-RESI F500S Drilling depth 480 mm	Item No. 3100910-5S	4.135,00 €

IML-RESI FSX-Series for Construction Wood (Reinforced SX-Version)

IML-RESI F300SX Drilling depth 280 mm	Item No. 3100910-3SX	3.940,00 €
IML-RESI F400SX Drilling depth 380 mm	Item No. 3100910-4SX	4.280,00 €
IML-RESI F500SX Drilling depth 480 mm	Item No. 3100910-5SX	4.570,00 €

Disposables

IML-RESI F-Series

Standard Drilling Needles

With special and improved surface coating
(10 pieces per pack)



IML-RESI F300 / F300S	(Ø 3,0 mm tip / length: 370 mm)	Item No. 3100316	139,00 €
IML-RESI F400 / F400S	(Ø 3,0 mm tip / length: 480 mm)	Item No. 3100416	150,00 €
IML-RESI F500 / F500S	(Ø 3,0 mm tip / length: 590 mm)	Item No. 3100516	161,00 €

Standard Drilling Needles for 45° Adapter

With special and improved surface coating
(10 pieces per pack)



IML-RESI F300 / F300S / F300SX	(Ø 3,0 mm tip / length: 387 mm)	Item No. 3100317	150,00 €
IML-RESI F400 / F400S / F400SX	(Ø 3,0 mm tip / length: 497 mm)	Item No. 3100417	160,00 €
IML-RESI F500 / F500S / F500SX	(Ø 3,0 mm tip / length: 607 mm)	Item No. 3100517	171,00 €

Drilling Needles for Pole Inspection for 45° Adapter

With special and improved surface coating
(10 pieces per pack)



IML-RESI F300 / F300S / F300SX	(Ø 3,0 mm tip / length: 387 mm)	Item No. 3100319	116,00 €
IML-RESI F400 / F400S / F400SX	(Ø 3,0 mm tip / length: 497 mm)	Item No. 3100419	121,00 €
IML-RESI F500 / F500S / F500SX	(Ø 3,0 mm tip / length: 607 mm)	Item No. 3100519	129,00 €

Wax Paper Strips (cm)

Wax paper strips with cm-scale (400 pieces per pack)



IML-RESI F150		Art.-Nr. 3100115	185,00 €
IML-RESI F300 / F300S / F300SX		Item No. 3100315	185,00 €
IML-RESI F400 / F400S / F400SX		Item No. 3100415	185,00 €
IML-RESI F500 / F500S / F500SX		Art.-Nr. 3100515	185,00 €

Optional Accessories

IML-RESI F-Series

Bosch Drill

Drive unit for IML-RESI F-Series

Bosch Drill GSR 18V Li-Ion Professional with Special Adapter
incl. charger, 2x Premium Li-Ion 18V 5,0 Ah batteries, adapter ring and instructions



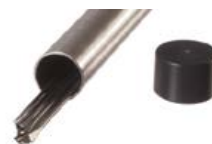
Item No. 31000118

520,00 €

Quiver for Drilling Needles

For safe storage of approximately 50 drilling needles

IML-RESI F300 / F300S / F300SX



Item No. 3103016

35,00 €

IML-RESI F400 / F400S / F400SX

Item No. 3104016

35,00 €

IML-RESI F500 / F500S / F500SX

Item No. 3105016

35,00 €

System Transport Case

Transport case with foam insert and key



IML-RESI F300 / F300S / F300SX

Item No. 3100313

273,00 €

IML-RESI F400 / F400S / F400SX

Item No. 3100413

284,00 €

IML-RESI F500 / F500S / F500SX

Item No. 3100413

284,00 €

Shoulder Strap

Shoulder strap with 2 snap hooks and 2 sturdy eyelets on the instrument



Shoulder Strap

Item No. 30009903

57,50 €

Eyelets for Shoulder Strap

Item No. 4100036

11,00 €

Premium Akku

For Bosch Drill GSR 18V Li-Ion Professional



Premium Battery 18V Li-Ion 5,0 Ah

Item No. 30009999

125,00 €

Fast Charger for Premium Batteries Li-Ion Technology 110V - 220V

Only for premium 18V batteries with Li-Ion technology



Fast Charger 220V for 18V Li-Ion Premium Batteries

Item No. 30009932

192,00 €

Fast Charger 110V with US Plug for 18V Li-Ion Premium Batteries

Item No. 30009934

210,00 €

Spare Parts

IML-RESI F-Series

45° Adapter

Snap-on adapter allows measurements below 45° to the ground level

45° Adapter
incl. sleeve, extension of needle guidance and assembly instructions



Item No. 3100015

148,00 €

Tool Kit

Tool kit for minor maintenance and repair operations

1 component pliers, pin punch, screwdriver 4 mm, 1 hexagon pin spanner with t-handle 2,5 mm, 1 hexagon wrench 1,5 mm & 2,0 mm, hook spanner, 1x clutch set, 6 casing screws, 5 safety pins and 1 oil can, 1x hook wrench



Tool Kit

Item No. 3100010

195,00 €

Safety Pins

Safety Pins for overload protection (10 pieces per pack)

Safety Pins



Item No. 3800-059

17,00 €

Clutch

Clutch Cover



Item No. 3800-065

6,00 €

Clutch Set

2x clutch discs, 1x clutch bushing, 1x clutch nut,
3x faceplates 0,5, 2x nord lock discs, 1x disassembly magnet



Clutch Set

Item No. 3800-111

19,00 €

Exchangeable Telescope

Exchangeable telescope



IML-RESI F300SX / F400SX

Item No. 4100016F

494,00 €

IML-RESI F500SX

Item No. 4100017F

494,00 €



Our seminars support you to become a RESI Professional!

With our seminars you benefit from our extensive knowledge from more than 35 years experience in the field of wood testing and drilling resistance measurement.

No matter if you are beginner, advanced or professional user - we offer seminars for every user for tree-, wooden pole- or construction wood inspections.

IML-RESI F-Series Seminars	
Seminar content	Professional
Basics	■■■
Safety Information	■■■
Device Application & Interpretation	■■■
Wood Anatomy	■■■
Case Studies	■■■
Questions & Answers	■■■
Certificate	✓
Duration	6 hours* ¹
Price per participant plus VAT	275,00 €

*¹ Including Pause

■■■ Weighting of the contents



Certificate

For every Professional- and Master seminar you will get a Certificate



Seminar Documents

You get a copy of the seminar presentation as a PDF file for your records

... Contact us for further information! +49 6222 67970 / info@iml.de

IML Fractometer I

Bending strength measurement

IML Fractometer I

The IML Fractometer I measures the bending strength of a previously removed wood core sample. The measuring range extends over 150FU (fractometer units). Different bending forces are adjustable by means of an adjustment wheel.

Scope of Delivery:

- Fractometer I
- Leather pouch
- Instructions manual



IML Fractometer I

Item No. 4000100

940,00 €

IML Fractometer II

Bending and compression strength measurement

IML Fractometer II Complete Set

The IML Fractometer II measures the bending and compression strength of a previously removed wood core sample.

Scope of Delivery:

- Fractometer II, cutting knife, tweezers, cutting board, test pin, instructions manual
- Jim-Gem increment borer (drilling depth 400 mm) with instructions manual
- Extension and pull-off loops for the taking core samples
- IML probing rod with extension (length 900 mm)
- Maintenance kit with 6 x wooden supporting battens, 1x glue can, 1x oil can, 1x ejector for cores, 1x grindstone for interior of drill, 1x grindstone for exterior of drill, 1x cleaning brush with extension and 2x spare bolts for increment borer
- Aluminium transport case with foam insert and key



IML Fractometer II Complete Set

Item No. 4000250

2.850,00 €

IML Fractometer II

The IML Fractometer II measures the bending and compression strength of a previously removed wood core sample.

Scope of Delivery:

- Fractometer II
- Cutting knife
- Tweezers
- Cutting boards
- Test pin



IML Fractometer II

Item No. 4000200

2.180,00 €

IML Fractometer II
with aluminium transport case, foam insert and key

Item No. 4000202

2.405,00 €

„Jim-Gem‘ Increment Borer

Extraction of core samples

Increment Borer „Jim-Gem‘

„Jim-Gem‘ increment borers are used for taking core samples and thus checking the quality of the wood and measuring the growth rate of trees. The increment borers are manufactured from special steel and Teflon coated to prevent friction heat (important for inspecting standing / sap conducting trees).

- Drilling depth: 400 mm
- Cutting edge: 3-helical
- Core diameter: 5,0 mm

Scope of Delivery:

- Increment borer with shank, drill and needle
- Instructions manual



Increment Borer „Jim-Gem‘
Drilling depth 400 mm

Item No. 4000121

277,00 €

Increment Borer „Jim-Gem‘ Complete Set



Scope of Delivery for Complete Maintenance Set:

„Jim-Gem‘ increment borer (drilling depth: 400 mm, 3-helical blade) with shank, drill and needle, 1x ejector, 1x grindstone for interior of drill, 1x grindstone for exterior of drill, 1x oil can, 1x cleaning brush with extension, 2x spare bolts and 6x supporting battens of wood with glue can

Complete Maintenance Set

Item No. 4000126

414,00 €

Optional Accessories

„Jim-Gem“ increment borer

Maintenance Set

Maintenance set for Jim-Gem increment borer



Scope of Delivery for Individual Maintenance Set:

1x ejector for drilling cores, 1x grinding wheel for drills inside, 1x grindstone for interior of drill, 1x grindstone for exterior of drill, 1x oil can, 1x cleaning brush with extension and 2x spare bolts

Maintenance Set „Jim-Gem“

Item No. 4000127

137,00 €

Extension and Pull-Off Loops

Extension to increase the leverage effect when screwing the increment borer in and out



Extension and Pull-Off Loops for „Jim-Gem“ Increment Borer

Item No. 4000145

178,00 €

Ejector

Ejector for damage-free extraction of the drill cores from the increment borer



Ejector for „Jim-Gem“ Increment Borer

Item No. 4000128

18,50 €

IML Micro Hammer

Sound velocity measurement

IML Micro Hammer

The IML Micro Hammer is a preliminary inspection device for living trees. A hammer will generate a pulse that is detected and measured by microsensors.

Application Areas:

- Tree care and inspection to maintain safe parks, roadways and forests
- Assessment of tree damages



Scope of Delivery:

- Electronic unit in a shock-resistant, water-proof housing
 - Hammer (pulse generator) and microsensor (pulse receiver)
 - 10x stainless steel fixing screws
 - 4x magnets for sensor mounting
 - Charger 110V - 240V
 - Bosch Mini Cordless Screwdriver IXO 3,6V with charger and manual
 - Aluminium transport case
 - Instructions manual
 - IML Software Center M-Tools
- Functions: Configuration and readout of the electronic unit, transmission, evaluation and storage of measurement data on a PC or handheld device
- 1x Magnetic impact cap
 - 1x Bit Torx 15 (to fasten/loosen the screws)

IML Micro Hammer with 1 microsensor	Item No. 41002004	3.315,00 €
IML Micro Hammer with 3 microsensors	Item No. 41002005	4.110,00 €
IML Micro Hammer with 6 microsensors	Item No. 41002006	5.085,00 €

Optional Add-Ons

IML Micro Hammer

Add-On Module RCI (Remote Control Interface)

Interface for configuration, control and transfer data to and from internal client software (not using of M tools). The data may be further processed directly by the client software.

Add-On Module RCI (Remote Control Interface)	Item No. 3100807	1.190,00 €
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Spare Parts

IML Micro Hammer

Hammer

Replaceable hammer for IML Micro Hammer

Hammer



Item No. 4100109

488,00 €

Microsensor

Replaceable microsensor for IML Micro Hammer

Microsensor



Item No. 4100110

438,00 €

Magnetic Impact Cap

Magnetic impact cap for IML Micro Hammer

Magnetic Impact Cap



Item No. 4100107

16,00 €

Magnet Set

Spare magnet with two mounting screws for IML Micro Hammer

Magnet Set



Item No. 4100106

12,00 €

Mounting Screws

Stainless steel mounting screws, length 60 mm / Ø 4 mm (10 pieces per pack)

Mounting Screws



Item No. 4100108

22,00 €

Bosch Mini-Screw Driver IXO Li-Ion

Mini-Screw Driver to insert mounting screws for IML Micro Hammer, incl. charger and manual

Bosch Mini-Screw Driver Li-Ion 3,6V



Item No. 4100111

99,00 €

Charger with USB Connector (110V - 240V)

Charger for IML Micro Hammer

Charger with USB Connector



Item No. 4100011

80,00 €

USB Cable

USB connection cable (length: 185 cm) for IML Micro Hammer

USB Cable



Item No. 4100012

16,50 €

Service and Calibration

Annual service inspection

Service and Calibration of IML Products

In order to guarantee the measuring accuracy of IML products, regular maintenance and calibration of measuring instruments should be carried out by our qualified service team. The inspection of measuring instruments should be carried out at yearly intervals.



Service and Calibration

An Inspection Includes:

- Complete function and safety test
- The unit is disassembled, the functional parts precisely controlled and checked
- All mechanical moving parts are cleaned and permanently lubricated with special LongLife oil
- Implementation of test measurements and final calibration
- Creation of a detailed service report and a calibration sheet / test report

Service for ...

IML-RESI PD-Series	Item No. 8888PD	299,00 €
IML-RESI F-Series (without electronic unit)	Item No. 8888F	210,00 €
IML-RESI F-Series (with electronic unit)	Item No. 8888FE	299,00 €
IML-RESI E-Series	Item No. 8888E	310,00 €
IML-RESI M-Series	Item No. 8888M	260,00 €
IML-RESI B-Series	Item No. 8888B	430,00 €
IML Fractometer I	Item No. 8888FR	109,00 €
IML Fractometer II	Item No. 8888FR	109,00 €
IML Micro Hammer	Item No. 8888I	175,00 €

Transport „EASY“

Transport „EASY“ without packaging material	Item No. EASY1	34,90 €
Transport „EASY“ inkl. packaging material	Item No. EASY	57,90 €

IML Tree Labels

Aluminium tree labels

IML Tree Labels made of anodized Aluminium

The aluminium plates labelled using laser technology according to your requirements are very easy to read. The anodized coating ensures a long service life and durability. The IML Tree Labels are available in different colours. The Tree Labels are made from scratch-resistant and weatherproof (AlMg1) aluminium, the white laser lettering means they are easy to read in the sunlight. The tree tags can be individually laser-labelled to your specifications.



IML Tree Labels in available colors

Item No. 4000170

Label:

- Continuously numbered and optionally with additional text
- Logo or symbol
- QR-Code
- Number ranges or Excel list

Dimensions:

- Diameter: 35 mm
- Thickness: 1 mm
- Mounting hole: 4 mm
- Label field: 30 x 25 mm

IML Tree Labels 100 pieces	per piece	1,13 €
IML Tree Labels 250 pieces	per piece	1,03 €
IML Tree Labels 500 pieces	per piece	0,91 €
IML Tree Labels 1.000 pieces	per piece	0,85 €
IML Tree Labels 2.500 pieces	per piece	0,83 €
IML Tree Labels 5.000 pieces	per piece	0,81 €
IML Tree Labels 10.000 pieces	per piece	0,79 €
Setup Costs According to Template / per Order	Item No. 4000167	41,50 €
Preparation of your Logo for Laser Marking	Item No. 20100-161	53,00 €

Extension Hammer for Tree Labels

for the easy and quick attachment of tree labels. Length: 95 cm



Extension Hammer

Item No. 4000169

191,00 €

Aluminium Nails incl. O-Ring

to fix the tree labels. Length: 75 mm, Diameter 3 mm



Aluminium Nails incl. O-Ring (per package / 100 pieces)

Item No. 4000168

14,00 €

IML Measuring Table

Annual ring analysis

IML Measuring Table

The IML Measuring Table is used for studying the growth rate of wood samples. An easy-to-use electronic unit helps do the evaluation, as well as an optional microscope for analysis of very low growth rates.

Scope of Delivery:

- Measuring table
- Electronic unit with serial data transfer cable and charger 110V-240V
- 2x recording strips for cores (wood support strips)
- Instructions manual
- IML Software Center T-Tools PRO
Functions: Configuration and readout of electronic unit, transfer, evaluation, storage, magnification and printing of measurement data on a PC or laptop



IML Measuring Table



IML Measuring Table with Leica Microscope

The IML Measuring Table can be optionally extended with 2 microscopes, an analogue and a digital version

Leica S9E L2 Zoom Stereo Microscope:
incl. mounting on IML measuring table

- Viewing angle: 35°
- Lens: 0,63x, achromatic
- Magnification: max. 55x zoom
- Max. resolution: 500 LP/mm
- Max. aperature: 0144 nA
- Field of view / distance: 36,5 mm / 55 mm

IML Measuring Table without microscope	Item No. 5000200	3.795,00 €
IML Measuring Table incl. Leica S9E L2 zoom stereo microscope with focusing column	Item No. 5000202	7.320,00 €
IML Measuring Table incl. Leica S9E L2 zoom stereo microscope with swinging arm	Item No. 5000204	7.823,00 €

Complete Kit for Treatment Quality Test

Inspection of treatment qualities in wooden poles

Complete Kit for Treatment Quality Test

With the complete kit it is possible to detect treatment qualities and depths of wooden poles. A small core is being removed with the use of the test nail and the hammer. Afterwards a visual analysis of the core gives clarity of the treatment.



Complete Kit for treatment quality test
- incl. 2x test nails, hammer, ejector, 100x plugs

Item No. 4000157

110,00 €

Test Nail Kit (2 pieces)

Item No. 4000153

22,50 €

Ejector

Item No. 4000154

33,00 €

Hammer

Item No. 4000155

33,00 €

Impregnated Plugs (100 pieces)

Item No. 4000156

10,00 €

Pole & Tree Gauge

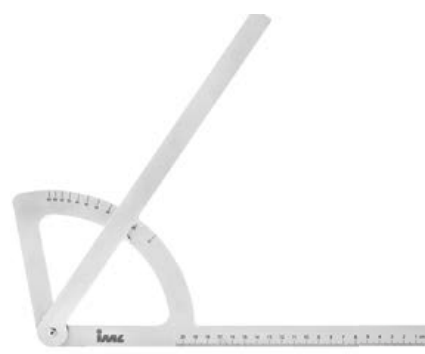
Multi-purpose accessories

Pole & Tree Gauge

Diameter & damage detection instrument



Up to 50 cm Ø; Depth: 11 cm



Up to 65 cm Ø; Depth: 20,5 cm

Pole & Tree Gauge „Mini“

Item No. 4100064

25,50 €

Pole & Tree Gauge „Maxi“

Item No. 4100066

53,50 €

IML Probe Rod

Tree inspection accessories

IML Probe Rod

The IML Probe Rod assists you locate decay in trees. The robust stainless steel rod can be extended by up to 1500 mm by a threaded fitting. The standard length is 600 mm and the diameter is 7,0 mm. The IML Probe Rod also has a 100 mm scale.



IML Probe Rod
Standard length 600 mm

Item No. 4000147

45,00 €

Extension for IML Probe Rod
Length 300 mm

Item No. 4000148

14,50 €

IML Inspection Rod

Tree inspection accessories

IML Inspection Rod

The IML Inspection Rod helps you locate decay in trees.
Length: 800 mm; Diameter: 5,0 mm.



IML Inspection Rod
Length 800 mm

Item No. 4000146

15,50 €

IML Penetrometer

Tree inspection accessories

IML Penetrometer

The IML Penetrometer is a mechanical gauge to determine the density of the soil. A 2.0 kg heavy falling weight is mounted on a 8.0 mm thick rod. The falling weight is dropped and encounters resistance, causing the rod to penetrate the ground. The penetration depth can be read by means of a scale.



IML Penetrometer

Item No. 4000149

338,00 €

Stainless Steel Model / VTA-Pebble Hammer

Multi-purpose tool by Prof. Dr. Claus Mattheck and Dr. Klaus Bethge

Stainless Steel Model for Tree Diagnosis

The stainless steel model is a multi-purpose tool for tree diagnosis. This tool measures the slenderness of tree trunks and branches. It may also be a non-dogmatic guide for shaping the crown of a tree according to the shape of brook pebbles. The model can show the highly loaded space under the tree determined with the force core method.



Stainless Steel Model

VTA-Pebble Hammer

Stainless Steel Model

Item No. 4000135

29,00 €

VTA-Pebble Hammer

Item No. 4000136

28,00 €

Pocket Diagnostic 5pc Set (Phytophthora)

Tree inspection accessories

IML Pocket Diagnostic 5er Set (Phytophthora)

Phytophthora Pocket Diagnostic® is a rapid diagnostic test designed to be used in the field, nursery or glasshouse. The test can be performed in 10 minutes by operators with little training. Samples for testing can be taken from any part of the plant, at any stage during the production cycle. The Phytophthora Pocket Diagnostic® test is sensitive to a 0.4% infected leaf material per 0.2g.



Pocket Diagnostic 5pc Set (Phytophthora)	Item No. 4000140-5	67,00 €
IML Pocket Diagnostic 50er Set (Phytophthora)	Item No. 4000140-50	573,00 €

Pocket Diagnostic 4pc Set (Erwinia Amylovora)

Tree inspection accessories

IML Pocket Diagnostic 4pc Set (Erwinia Amylovora)

Erwinia amylovora Pocket Diagnostic® is a rapid diagnostic test designed for use in the field, nursery or greenhouse. The test can be performed in minutes by people with little or no training. Samples for the test can be taken from any part of the plant at any point in the production cycle. The results of the Pocket Diagnostic test are an important part of making informed decisions in routine screening or disease control situations. Erwinia amylovora Pocket Diagnostic® is a rapid diagnostic test designed for use in the field, nursery or greenhouse. The test can be performed in minutes by people with little or no training. Samples for the test can be taken from any part of the plant at any point in the production cycle. The results of the Pocket Diagnostic test are an important part of making informed decisions in routine screening or disease control situations.



IML Pocket Diagnostic 4pc Set (Erwinia Amylovora)	Item No. 4000139-4	31,00 €
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Pocket Diagnostic 4pc Set (Ralstonia Solanacearum)

Tree inspection accessories

IML Pocket Diagnostic 4pc Set (Ralstonia Solanacearum)

The Pocket Diagnostic® Ralstonia Solanacearum Rapid Test is an on-site lateral flow test designed to detect Ralstonia Solanacearum (brown rot / bacterial wilt). The rapid test can be used on a variety of plant materials including woody tissues, leaves, roots and soft material.



IML Pocket Diagnostic 4pc Set (Ralstonia Solanacearum)

Item No. 4000141-4

31,00 €

Pocket Diagnostic 4pc Set (Potato Virus Y)

Tree inspection accessories

IML Pocket Diagnostic 4pc Set (Potato Virus Y)

The Pocket Diagnostic® Potato Virus Y (PVY) Lateral Flow Rapid Test is designed for the rapid, on-site detection of Potato Virus Y in a variety of plant materials, including woody tissues, leaves and roots. Plant materials, including woody tissues, leaves and roots. Our PVY rapid test kit detects both Potato virus YO (common variant) and Potato virus YN (necrotic variant).



IML Pocket Diagnostic 4pc Set (Potato Virus Y)

Item No. 4000143-4

28,00 €

„The Body Language of Trees‘

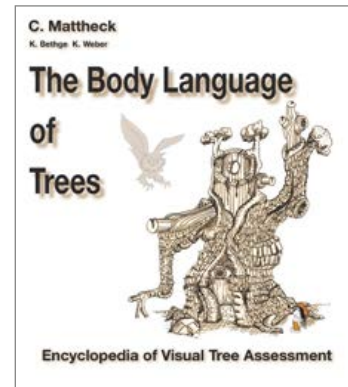
Technical literature

„The Body Language of Trees‘ – Hardcover

The Encyclopedia of the Visual Tree Assessment and body language of trees. Their shape is always the reaction to external influences or internal damage and can be traced through close observation. The book brings together the research of 25 years at the Karlsruhe Institute of Technology in Germany by Prof. Dr. Claus Mattheck.

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3-923704-89-7
Scope: 548 pages

Price excl. VAT



„The Body Language of Trees‘	Item No. 3000026e	91,59 €
„The Body Language of Trees‘ (german version)	Item No. 3000026	91,59 €

„Stupsi Explains the Tree‘

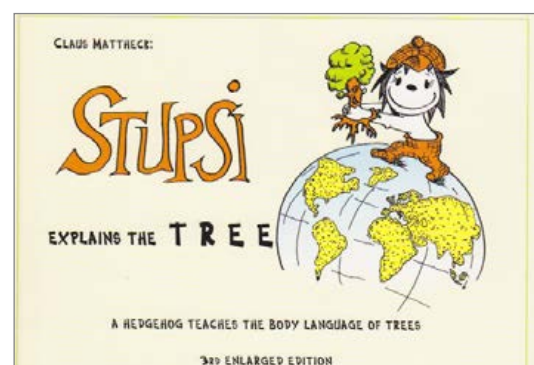
Technical literature

„Stupsi Explains the Tree‘ – Softcover

Stupsi the little hedgehog loves trees and leads the reader into the body language of trees. He does not only show different shapes of trees but also how trees survive against storms, illnesses and injuries caused by animals or humans. (4. revised edition)

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3-923704-72-9
Scope: 120 pages

Price excl. VAT



„Stupsi Explains the Tree‘	Item No. 3000015e	18,69 €
„Stupsi Explains the Tree‘ (german version)	Item No. 3000015	18,69 €

„Thinking Tools after Nature“

Technical literature

„Thinking Tools after Nature“ – Softcover

The book by Prof. Dr. Claus Mattheck is an easy-to-understand summary of his computer-free method of creating light-weight and durable components. Mattheck says, that these methods have changed his whole life.

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3-923704-73-6
Scope: 236 pages

Price excl.VAT



„Thinking Tools after Nature“	Item No. 3000024e	32,71 €
„Thinking Tools after Nature“ (german version)	Item No. 3000024	37,38 €

„The Face of Failure in Nature and Engineering“

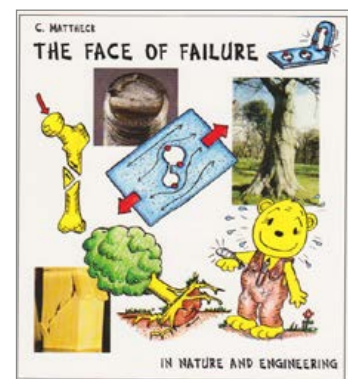
Technical literature

„The Face of Failure in Nature and Engineering“ – Softcover

The book introduces the mechanics of failure. It explains the stress between material and form. It sharpens your eyes for weak points in constructions and helps you to avoid damages by showing clever design rules.

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3923704415
Scope: 208 pages

Price excl.VAT



„The Face of Failure in Nature and Engineering“	Item No. 3000020e	32,71 €
„The Face of Failure in Nature and Engineering“ (german version)	Item No. 3000020	32,71 €

,'Updated Field Guide for VTA'

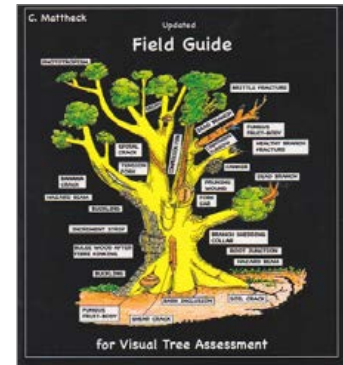
Technical literature

,'Updated Field Guide for Tree Inspection with Visual Tree Assessment' – Softcover

Anyone who wants to learn more about the preservation of trees. The updated field guide for tree inspection teaches more about the body language of trees and mushrooms. Learn how to find warning signals and how you can prevent the tree from endangering people.

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3923704583
Scope: 170 pages

Price excl.VAT



,'Updated Field Guide for VTA' (german version)

Item No. 3000022

28,04 €

The body language of the components

Specialist literature

'Encyclopaedia of form-finding according to nature' - Hardcover

A new theory of the forms of nature! This is the new book, which explains the mechanics of trees and bones, building components, mountains and cracks without holding people back with the hurdles of mathematical formulae. Whether liquid or solid, elastic or plastic, his descriptive universal forms apply to almost everything.

Autor: Prof. Dr. Claus Mattheck
ISBN: 978-3923704286
Scope: 496

Prices excl. 7% VAT.



The body language of the components

Item.-No. 3000030

91,59 €

Pauli Explains the Form in Nature - (short version)

Item.-No. 3000030e

44,86 €

'The mechanics of the slingshot'

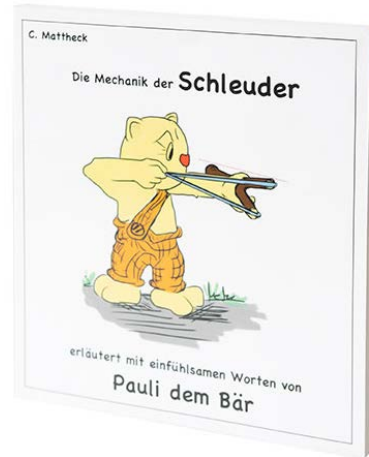
Specialist literature

'The Mechanics of the Slingshot' - Softcover

The book is an introduction to the mechanics of the slingshot, self-building and simple ballistics in an appealing and easy-to-understand form.

Autor: Prof. Dr. Claus Mattheck
ISBN: 978-3-923704-83-5
Scope: 116

Prices excl. 7% VAT.



'The mechanics of the slingshot'

Item No. 3000025

18,69 €

Pauli Schleuder

Slingshot

Pauli slingshot

The Pauli slingshot matching the book 'The mechanics of the slingshot' incl. rubber band and leather pouch



Pauli slingshot

Item No. 4000171

56,00 €

Rubber band

Item No. 4000172

4,50 €

'Traces of movement'

Specialist literature

'Traces of movement - a mechanical interpretation of body language' - Softcover

With a simple muscle model of the face, the trees as teachers in static questions and lots of support from Pauli the bear, Prof Dr Claus Mattheck shows in an entertaining way what people's body language expresses and how it comes about.

Autor: Prof. Dr. Claus Mattheck
ISBN: 3923704682
Scope: 138

Prices excl. 7% VAT.



'Traces of movement - a mechanical interpretation of body language'

Item No. 300023

26,17 €

'Pauli the Bear: Mechanics on the tree'

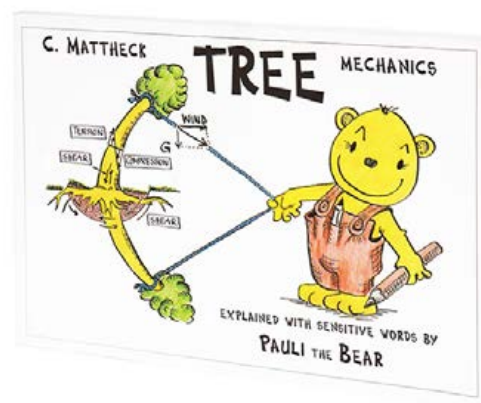
Specialist literature

'Pauli the Bear: Mechanics on the tree' - Softcover

With Pauli the bear's help, the world of mechanical formulae loses its horror. The reader learns the mechanical terms in a playful way and sees how the tensions are distributed in the tree, experiences their struggle against the strengths and the failure of the trees when they become too hollow or too slender. Over 100 richly illustrated and colourful pages.

Autor: Prof. Dr. Claus Mattheck
ISBN: 978-3923704392
Scope: 130

Prices excl. 7% VAT.



'Pauli the Bear: Tree Mechanics'

Item No. 300019e

23,36 €

'Secret Design Rules of Nature'

Technical literature

'Secret Design Rules of Nature' – Softcover

See how components can be optimized or designed easily without a computer. Graphics and texts are in the typical style of Prof. Dr. Claus Mattheck.

Author: Prof. Dr. Claus Mattheck
ISBN: 978-3923704538
Scope: 138 pages

Price excl. 7% VAT



'Secret Design Rules of Nature'

Item No. 3000031

28,04 €

'The stick, your friend, your protection'

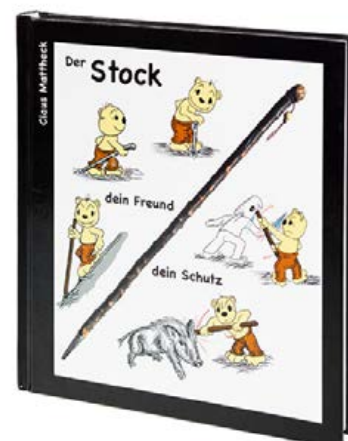
Specialist literature

'The stick, your friend, your protection'

Self-defence with a stick! - In this cheerfully written and lovingly illustrated book, the cartoon character Pauli the Bear explains how to make a good stick, when to cut it, how long and where to dry it, how to straighten it, how to hold it, how to decorate it, how to walk with it and how to fight with it!

Autor: Prof. Dr. Claus Mattheck
ISBN: 978-3-923704-94-1
Scope: 162 pages

Price excl. 7% VAT



'The stick, your friend, your protection'

Item No. 3000031

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Questions? We have the answers!



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Sources

Design: Valentino Knopf - beready - www.beready.online

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Terms and Conditions of Delivery and Payment

IML Instrumenta Mechanik Labor System GmbH

A. General Terms and Conditions (as of January 2019)

§1 Scope

- (1) These General Terms and Conditions (hereinafter «GTC») apply to all orders placed by a consumer over the age of 18 or an entrepreneur (hereinafter both referred to as «customer») in the online shop of the «seller» (see § 2) regarding the goods and/or services offered there. They also apply to all contracts concluded on the basis of an enquiry submitted by a customer via the enquiry form or by email or using other telecommunications technology for precision parts.
- (2) A consumer is any buyer who concludes the contract for a purpose which is predominantly neither attributable to his commercial nor his independent professional activity (§ 13 BGB - Civil Code).
- (3) An entrepreneur is any buyer who concludes the contract as a natural or legal person or as a partnership with legal capacity, for a purpose that is attributable to the exercise of his commercial or self-employed professional activity (§ 14 BGB).
- (4) The inclusion of the customers own conditions (in particular, conditions of purchase) is expressly contradicted, unless otherwise agreed upon in writing.
- (5) The deliveries and services offered by the seller are provided exclusively on the basis of these GTC. The GTC, therefore, apply to entrepreneurs within the meaning of § 1 para. 1 also for all future business relations, even if they have not been expressly agreed upon again.
- (6) The currently valid GTC can be called up and printed out at any time on the website of the seller.

§2 Conclusion of the Contract

- (1) The contract for all goods and/or services advertised in the online shop comes into effect with:

IML Instrumenta Mechanik Labor System GmbH, Parkstraße 33, 69168 Wiesloch, Tel.: 06222-67970, Email: info@iml.de, Managing Directors: Erich Hunger, Sebastian Hunger, Register court: District Court Mannheim, Registration number: HRB 701885, Sales tax identification number according to § 27 a Value Added Tax Act: DE 254022201

- (2) In the case of a contract for precision parts, which is concluded on the basis of an enquiry by the customer, the seller is:

IML Instrumenta Mechanik Labor Produktion GmbH, Parkstraße 33, 69168 Wiesloch, Tel.: 06222-67970, Email: info@iml.de, Managing Directors: Erich Hunger, Sebastian Hunger, Register court: District court Mannheim, registration number: HRB 701829, Value added tax identification number according to § 27 a Value Added Tax Act: DE 253689884

- (3) The essential characteristics of the goods or services are those found in the respective product description provided by the seller.
- (4) All offers in the online shop of the seller represent only a non-binding invitation to the customer to submit a corresponding purchase offer to the seller and not an offer of the seller within the meaning of § 145 BGB.
- (5) Customers can submit the offer by using the online order form, which is in the seller's online shop. In this case, after entering the personal data and clicking on «Send order» in the final step of the ordering process, the customer places a binding order of the products in his/her shopping cart. The submission of the offer by the customer is only possible after the customer has received the General Terms and Conditions for his information and has included them in his offer by clicking on the «Accept General Terms and Conditions» button.
- (6) The seller may accept the customer's offer within 2 (two) days by:
 1. Sending an order confirmation to the customer in writing or in text form (email or fax).
 2. Delivering the ordered goods to the customer.
 3. Asking the customer to pay after placing the order.

With regard to the seller's period of acceptance, the receipt of the confirmation, the delivery of the ordered goods or the request for payment by the customer shall be decisive in each case. If several of the above-mentioned alternatives apply, the agreement becomes binding at the time the first alternative occurs. If the seller fails to accept the offer of the customer within the aforementioned period, this will be considered a rejection of the offer which means that the customer is no longer bound by the offer.

- (7) Any confirmations of receipt or receipt sent automatically or manually after submission of the offer shall not be considered as acceptance of the offer by the seller, but are for information purposes only. A contract is therefore not concluded through them.
- (8) If the last day of the period is a Saturday, a Sunday or a public holiday at the seller's registered office, then such day shall be replaced by the next working day.
- (9) Since most of the correspondence and order processing takes place via email, the customer must ensure that the email address provided by him is correct and emails can be received.
- (10) Enquiries about precision parts by the customer do not constitute offers. An offer only enters into force after the seller replies. The customer can accept this offer within a reasonable period of time. § 2 VII shall apply accordingly.

§ 3 Right of Revocation

- (1) The customer bears the direct costs for the return of the goods(s) according to § 357 VI BGB (right of revocation).
- (2) For other instructions on the right of withdrawal, which is part of these GTC, see the website of the seller.

§ 4. Price

- (1) The prices quoted by the seller in the online shop are net prices. The sales tax is shown separately as soon as the product is placed in the shopping basket. Delivery and shipping costs are indicated separately in the respective product description and can be added by the customer to the price calculation of the shopping basket with the help of a computer.
- (2) For deliveries to countries outside the European Union, additional costs may incur in individual cases, for which the seller is not responsible, and these are to be borne by the customer. This includes, for example, costs for transferring money through credit institutions (e.g. bank charges, exchange fees) or legal import duties or taxes (e.g. customs duties).

§5 Payment Terms and Default

- (1) The customer has various payment options at his disposal. These are: Prepayment - payment by credit card - payment on invoice - PayPal
- (2) For orders that are not placed from the territory of the Federal Republic of Germany, there is only the option of prepayment or by credit card.
- (3) The seller reserves the right only to accept certain payment methods for individual products. These are derived from the payment methods listed under «Select payment method».
- (4) If prepayment has been agreed upon, payment is due immediately after conclusion of the contract. It must be made in full to the seller's account within 14 (fourteen) days at the latest.
- (5) By choosing the payment method delivery against invoice, the purchase price will be due after the goods have been delivered and invoiced. In this case, the purchase price is to be paid either (a) within 8 (eight) days after receipt of the invoice with 2% discount or (b) within 20 (twenty) days after receipt of the invoice without deduction. This will be valid unless otherwise agreed upon. The seller reserves the right of a check of creditworthiness when selecting the payment method delivery on invoice and to refuse this payment method in case of a negative outcome after checking creditworthiness.
- (6) If the customer is a consumer and is in default with a payment, he is obliged to pay additional statutory default interest in the amount of 5 percentage points above the base interest rate (§ 288 I BGB).
- (7) If the customer is an entrepreneur and is in default with a payment, he is obliged to pay the additional statutory default interest of 9 percentage points above the base interest rate (§ 288 II BGB).

§ 6 Delivery and Shipping Conditions

- (1) The delivery of goods is made to the delivery address provided by the customer. The order will be processed based on the address provided during the checkout process. Alternatively, if customers pay via PayPal, the delivery address set up with PayPal will be used.
- (5) If the transport company sends the goods back to the seller because delivery to the customer was not possible, the customer shall bear the cost of the failed delivery. This does not apply:
 - If the customer exercises his right of revocation upon delivery,
 - if he is not responsible for the fact that delivery was impossible or
 - if he was temporarily prevented from accepting the service offered, unless the seller had notified him of the service a reasonable time in advance.
- (3) The risk of accidental loss and accidental deterioration of the sold goods shall pass to the customer upon handing over of the goods to the customer or to an authorised recipient.
- (4) If the customer is an entrepreneur, the risk of accidental loss and accidental deterioration in case of sales shipment passes on to the respective forwarder with handing over the goods at the main office of the seller. Likewise, the risk of accidental loss and accidental deterioration shall pass to the customer acting as entrepreneur if dispatch is delayed at his request. The time of transfer of risk shall then be deemed to be the time from which the seller has reported the readiness for delivery.
- (5) The seller reserves the right to withdraw from the contract in the case of incorrect or improper self-supply. This applies only when the seller is not responsible for the failed delivery and has completed a concrete cover transaction with the supplier with due diligence. The seller shall take all reasonable measures to procure the goods. In case of non-availability or only partial availability of the goods, the customer will be notified immediately, and any consideration shall be refunded straight away.
- (6) For logistical reasons, deliveries may not be collected by the customer.

§ 7 Reservation of Ownership

- (1) The seller retains ownership to the delivered item until full payment of all claims arising from the purchase contract.
- (2) As long as ownership has not yet passed over, the customer is obliged to treat the object of purchase with care.
- (3) If the customer is an entrepreneur within the meaning of § 1 III of these GTC, he is entitled to resell the reserved goods during the normal course of business. The customer assigns the claims against the purchaser from the resale of the reserved goods to the purchaser up to the amount of the purchase price agreed upon with the seller (including value added tax). The customer remains entitled to collect the receivables even after this assignment. The seller will not collect the claim from the resale of the purchased item as long as the customer does not meet his payment obligations and, in particular, as long as no application for the opening of insolvency proceedings has been filed or payments have not been suspended.

§ 8 Defects Liability and Warranty

- (1) The statutory liability for defects (§§ 433 ff. BGB) shall apply in principle.
- (2) If the customer acts as an entrepreneur, the statutory provisions shall apply with the following modifications:
 - Only the seller's information and the manufacturer's descriptions are binding for the desired quality of the goods or service. Public promotions or advertising are expressly excluded.
 - The customer is obliged to examine the goods immediately after receipt with the necessary care for possible errors or defects and to notify the seller of obvious defects within 7 (seven) days after receiving the goods. Timely dispatch is sufficient for meeting the deadline. This also applies to subsequently discovered defects hidden after being discovered. The assertion of warranty claims is excluded in the case of infringement of duty to examine and to notify about defects (§ 377 HGB - Commercial Code).
 - If the goods are repaired, the seller does not have to bear the increased costs incurred by the goods being taken to a place other than the place of fulfillment, unless the goods are used as intended.
 - The warranty period is one year following receipt of the goods. This does not apply in cases of injury to life, body or health, in the event of intentional or grossly negligent breach of duty by the purchaser and in the event of fraudulent concealment of a defect.

§ 9 Liability

- (1) The seller is only liable for damages incurred if they are due to a breach of a substantial contractual obligation or to intentional or grossly negligent conduct on the part of the seller, his legal representatives or vicarious agents.
- (2) If an essential contractual obligation is slightly negligently violated, the liability of the seller is limited to the foreseeable damage typical for the contract. An essential contractual obligation is performed for commitments whose fulfillment makes the proper execution of the contract possible or on whose observance the customer has relied or was entitled to rely.
- (3) Any further liability for damages is excluded. Liability for culpable injury to life, body or health in accordance with the statutory provisions remains unaffected. This also applies to mandatory liability under the Product Liability Act.

§ 10 Concluding Provisions

- (1) The law of the Federal Republic of Germany applies to all legal relations between the buyer and the seller excluding all conflict-of-law provisions and international contracts (in particular, CISG). For consumers, this choice of law shall apply only insofar as the protection provided is revoked by mandatory provisions of the law of the state in which the consumer has his habitual residence.
- (2) If the customer is a merchant, a legal entity under public law or special public fund, the exclusive jurisdiction for any disputes arising under this contract shall be the registered office of the seller. The same applies to customers who have their registered office outside the territory of the Federal Republic of Germany if the contract or claims arising from the contract can be attributed to the professional or commercial activity of the customer. However, in the above cases, the seller is entitled to bring the matter before the court holding jurisdiction over the customer's registered office.
- (3) The language of the contract is German.
- (4) These GTC are also available in German. The English translation is for information purposes only and is not legally binding. In the event of discrepancies between the German and English versions, the German version shall apply.

B. Customer Information

§ 1 Information Regarding the Identity of the Seller

IML Instrumenta Mechanik Labor System GmbH,
Parkstraße 33, 69168 Wiesloch, Tel.: 06222-67970,
Email: info@iml.de,
Managing Directors: Erich Hunger, Sebastian Hunger,
Register court: District Court Mannheim, registration number:
HRB 701885, VAT ID number pursuant to § 27 a of the Value Added Tax
Act: DE 254022201

and

IML Instrumenta Mechanik Labor Produktion GmbH,
Parkstraße 33, 69168 Wiesloch, Tel.: 06222-67970, Email: info@iml.de,
Managing Directors: Erich Hunger, Sebastian Hunger, Register court: Dis-
trict Court Mannheim, registration number: HRB 701829, VAT ID number
pursuant to § 27 a of the Value Added Tax Act: DE 253689884,

§ 2 Information Regarding the Conclusion of the Contract

The conclusion of the contract is in accordance with § 2, conclusion of the general terms and conditions of the seller (see above).

§ 3 Information Regarding Payment and Delivery

Payment shall be made in accordance with § 5 Payment terms and default, delivery in accordance with § 6 Delivery and shipping conditions of the seller's General Terms and Conditions (see above).

§ 4 Information about the Technical Steps Leading to the Conclusion of the Contract

(1) The customer has to go through the following technical steps for the submission of his offer via the online order form of the seller:

1. Placing the product in the shopping cart
2. Entering the billing and shipping addresses
3. Selecting the desired shipping method
4. Selecting the desired payment method
5. Summary of the order data
6. Sending the order

(2) Acceptance by the seller shall be in accordance with §§ 2 VI ff. of the General Terms and Conditions of the Seller (see above).

(3) When submitting an enquiry regarding precision parts via the online form or by email or other telecommunication technology, the contract is concluded in accordance with § 2 X of the General Terms and Conditions of the seller (see above).

§ 5 Information Regarding the Storage of the Contract

The contract text will be saved by the seller and sent to the customer after submitting his order, together with the given General Terms and Conditions and customer information in text form (e.g. as a letter, email). However, the contract text may no longer be accessible to customers on the seller's website once the order has been shipped.

§ 6 Information about the Technical Means to Identify and Correct the Input Errors

Before a binding order is submitted, customers can correct their entries using the standard keyboard and mouse functions. In addition, all entries will be displayed once again in a «Review order» screen so that the customer may correct them using standard keyboard and mouse functions before submission.

§ 7 Information on the Language Available for Concluding the Contract.

Both the English and German languages are available for concluding the contract. Unless otherwise agreed upon, the language of the contract shall be the language in which the customer's offer is made.



With Passion and Precision

Manufactured by IML - Germany

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