



Introducing the Thorsman Test Meters

A complete suite of test meters that offer quality, ergonomic and robust products: safe and easy to operate measuring and testing tools, supplying clear and accurate readings of current, resistance, temperature, moisture, etc. covering all the needs from @Home to @Site.



Ergonomic

Easy to use and read with digital, sound or light displays. Easy to carry thanks to compact design. Hands free options.



Safety

Sound or light warnings where applicable, comply to IEC 61010, Cat III or Cat IV overload protection accordingly.



Robust

Made to resist tough environment - robust plastic cases and rubber holsters.



Availability

Products stocked in stores at Distributors/DIY point of sales. No need to order.



Durable

Long lifetime.



Support

Tech Product info, Comm. means, Instructions.



Smart

Easy to use, packaging + marking on product to understand all the features. Full instruction manuals included.



Designed

Brand identity in the design, pattern, colours, shape... Innovative design.



[Link to Thorsman cabling and fixing catalogue](#)



Digital Multimeter - category III - 600 V

Description

- Digital multimeter equipped with a backlit screen and a data hold function
- DC voltage range: 0.2/2/20/200/600 V
- AC voltage range: 200/600 V
- DC current: 0.2 mA/2 mA/20 mA/200 mA/10 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ
- Continuity: yes, under 100 Ω
- Battery test: yes, 1.5 V (AA, AAA and button cell) and 9 V
- Electrical insulation: IEC 61010 Cat III 600 V
- Fused by 250 mA and 10 A fast fuse
- Power: 9 V battery
- Weight: 290 g (with battery).

Application

- A high specification digital multimeter, designed to measure voltage, current and resistance.



Benefits

- Low battery indicator.
- High precision measure.
- Backlight and hold result mode.
- Built in stand allows handsfree operations.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital multimeter (French, Spanish, German, Portuguese, Polish, English)	150x90x40	IMT23222

P143951



Digital Multimeter - category III - 300 V

Description

- Digital multimeter equipped with a backlit screen and a data hold function
- DC voltage range: 0.2/2/20/200/300 V
- AC voltage range: 0.2/2/20/200/300 V
- DC/AC current: 20 mA/200 mA/10 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/20 MΩ
- Continuity: yes, under 100 Ω
- Temperature: 0...1000°C
- Battery test: yes, 1.5 V (AA, AAA and button cell) 9 V and 12 V
- Electrical insulation: IEC 61010 Cat III, 300 V
- Fused by 250 mA and 10 A fast fuse
- Power: 9 V battery
- Weight: 290 g (with battery).

Application

- A highly specified digital multimeter designed to measure voltage, current, resistance, diode, continuity, battery power and temperature.



Benefits

- Low battery indicator.
- Non-contact AC voltage detection.
- Live AC wire detection.
- Backlight and hold result mode.
- Built in stand allows handsfree operations.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital multimeter (English, Danish, Finnish, Norwegian & Swedish)	165x85x39	IMT23102
	Digital multimeter (French, Spanish, German, Portuguese, Polish)	165x85x39	IMT23202

P143942





Multipurpose Digital Detector

Description

- Detection depth
- Stud mode: wood stud of 30×30 mm at depth of ≤ 14 mm
- Metal mode: iron pipe of Ø 20 mm at depth of ≤ 25 mm
- AC mode: 50 mm for 90...250 V at 50...60 Hz
- Power: 9 V battery (6F22)
- Weight: 213 g (with battery)
- Always calibrate before each use.

Application

- This unit is an advanced detector. It can detect and locate metal, AC voltage and stud. It can be used in construction, fitment, etc.

+ Benefits

LCD and sound signal indicate findings.
 2 meter measure tape inside.
 Pencil slider, pencil hole.
 Whole alarm icon: when detects an edge of object, the icon appears as an indicator
 Spotlight & groove: press when detects an object, the spotlight appears and mark in the groove position.
 Mark button: press this button to mark dots on the wall surface.

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147840	Multipurpose digital detector (English, Danish, Finnish, Norwegian & Swedish)	180x73x32	IMT23104
	Multipurpose digital detector (French, Spanish, Portuguese, Polish, Hungarian)	180x73x32	IMT23204



3-in-1 Detector

Description

- Detection depth
- Stud mode: wood stud of 30×30 mm at depth of ≤ 18 mm
- Metal mode: iron pipe of Ø 25 mm at depth of ≤ 30 mm
- AC mode: 50 mm for 90...250 V at 50...60 Hz
- Power: 9 V battery (6F22)
- Weight: 165 g (with battery)
- Always calibrate before each use.

Application

This unit is an advanced detector. It can be used in construction, fitment, carpentry, etc.

+ Benefits

Find the stud centre, find wood and metal studs, AC scanning to trace hot wire.
 Metal scanning for finding nail, pipe, rebar, and other hidden metallic object.
 Signal indication: when detects an edge of object, the top signal LED lights as an indicator.
 Spotlight & groove: when detects an object, the spotlight appears and mark in the groove position.

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147836	3 in 1 detector (English, Danish, Finnish, Norwegian & Swedish)	150x66x32	IMT23105





Multifunction Cable Tracer

Description

- The transmitter is a compact hand-held instrument used for electricians to detect and track circuits into wall. Very useful when you need to repair an old electrical circuit
- Must be used when electrical circuits are switched off
- Unenergized electrical wires
- Slim ergonomic receiver receptor
- Telephone lines
- Coaxial cables
- Two crocodile clips
- DC automotive wires
- Power: 1.5 V (LR41/SR41)×4 (R)
- Power: 1.5 V (LR41/SR41)×2 (T)
- Weight: 220 g (with battery).

Application

- Designed to generate a distinct tone in any unenergized wire or cable. This tone can be picked up with the tracker receiver. An LED acts as a visual indicator to show that the unit is on.

+ Benefits

A multifunction device comprising of a transmitter and remote receiver.
Audible.
Tracking.

Range			
	Type (language of packaging and instructions)	Size mm (HxW×T)	Ref. No.
	Multifunction cable tracer (English, Danish, Finnish, Norwegian & Swedish)	183x80x46	IMT23106
	Multifunction cable tracer (French, Spanish, German, Portuguese, Polish, Hungarian)	183x80x46	IMT23206

Infrared Thermometer

Description

- Hand-held digital infrared thermometer for surface temperature measurement.
- Backlight LCD
- Laser pointer
- Temperature range: -20...520°C (-4...968°F)
- Power: 9 V battery
- Weight: ≈ 150 g (without battery).

Application

- A variety of non-contact thermo measurement application, including:
 - automotive
 - BBQ's
 - radiator electrical installations
 - cable wires.

Range			
	Type (language of packaging and instructions)	Size mm (HxW×T)	Ref. No.
	Infrared thermometer with LCD readout display (English, Danish, Finnish, Norwegian & Swedish)	180x85x50	IMT23107
	Infrared thermometer with LCD readout display (French, Spanish, German, Portuguese, Polish, Hungarian)	180x85x50	IMT23207



+ Benefits

Infrared laser measurement.
LCD readout display.
Complete with hand lanyard and batteries.



[Link to Thorsman cabling and fixing catalogue](#)



Moisture Meter

Description

- It can measure moisture level and the ambient temperature. Drive the probes into the wood, wall or material to be measured.
- LED indication.
- Digital LCD display with backlight
- Range of wood: 6...60 %
- Range of building material: 0.2...2.9 %
- Environment temperature: 0...40°C (32...99°F)
- Weight: about 41 g (with batteries)
- Battery: 1.5 V, LR44 or equivalent, 4 pieces.

Application

- It can be used to measure the moisture level in sawn timber (also cardboard, paper) and hardened materials (plaster, concrete and mortar). It displays the moisture level in the material straightaway. In addition, it can measure the ambient temperature.



Benefits

- Compact size, portable.
- Fast operation.
- Accuracy.
- Easy one-touch operation.
- °C/°F unit exchange.
- 2 pin steel probe.
- Low battery indication.
- Automatic power-off feature.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147839	Moisture meter (English, Danish, Finnish, Norwegian & Swedish)	85x45x16	IMT23108
	Moisture meter (French, Spanish, Polish, German, Hungarian)	85x45x16	IMT23208



Voltage Detector Pen

Description

- A compact voltage testing device with both audible and visual (bright LED) indication if voltage is present in the circuit
- AC voltage range: 5...1000 V
- Frequency range: 50...400 Hz
- Electrical Insulation: Cat IV, 1000 V
- Illumination function included - can double as a torch
- Adjustable detection sensitivity.

Application

- In just a few seconds, a technician can determine if it's safe to work around areas like:
 - transformer cases and circuit breaker housings, power ground wires or newly-driven ground rods, mobile homes, metallic siding or metal framing pedestals, crossboxes or conduit, street light fixtures or electrical machinery.



Benefits

- Audible and visual confirmation: LED illumination offers peace of mind in a noisy environment.
- Ergonomic hand-held design.
- Bright torch function.
- Low battery indication.
- Tactile barrier for safety.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147837	Voltage tester pen (English, Danish, Finnish, Norwegian & Swedish)	152x32x28	IMT23109
	Voltage tester pen (French, Spanish, German, Portuguese, Polish, Hungarian)	152x32x28	IMT23209





Compact Multimeter - category III

Description

- Digital multimeter provides excellent reading of the basic electrical measurements
- DC voltage range: 2/20/200/300 V
- AC voltage range: 2/20/200/300 V
- DC current: 200 mA
- Resistance range: 2 kΩ/20 kΩ/200 kΩ/2 MΩ
- Continuity: yes under 50 Ω
- Battery test: none
- Electrical insulation: Cat III, 300 V
- Fused by 250 mA fuse
- Power: 12 V battery included
- Weight: 110 g (with battery).

Application

- A pocket sized digital multimeter to measure voltage, current and resistance.



Benefits

- Low battery indicator.
- Integral test leads.
- Ergonomic design: can be used hands free.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147843	Compact digital multimeter (English, Danish, Finnish, Norwegian & Swedish)	120x75x18	IMT23112
	Compact digital multimeter (French, Spanish, German, Portuguese, Polish, Hungarian)	120x75x18	IMT23212



Analogue Multimeter - category III

Description

- Traditional analogue meter using a needle gauge
- DC voltage range: 12/60/120/300 V
- AC voltage range: 12/60/300 V
- DC current: 0.6/12/600 mA
- Resistance: x10 Ω/x1 kΩ
- Decibel: -20...23 dB
- Continuity: yes, under 20 Ω
- Battery test: yes, 1.5 V (AA, AAA and button cell) and 9 V
- Electrical insulation: Cat III, 300 V
- Fused by 500 mA fuse
- Power: none
- Weight: 275 g (without battery).

Application

- A traditional analogue multimeter using a needle gauge to measure Voltage, Current and Resistance. Able to work into high humid zone < 85 %.



Benefits

- Quick view.
- Safe in high humidity area.
- Able to use with hands free.

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147834	Analogue multimeter (English, Danish, Finnish, Norwegian & Swedish)	140x75x50	IMT23113
	Analogue multimeter (French, Polish, Hungarian)	140x75x50	IMT23213





P147563

Digital Clamp Meter - Category III - 600 V

Description

- A compact 3½ digit autorange digital clamp meter designed to measure DC and AC voltage, AC current, resistance, diode and continuity
- DC voltage range: 0.2/2/20/200/600 V
- AC voltage range: 2/20/200/600 V
- AC current: 2/20/200/600 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/20 MΩ
- Continuity: yes, under 30 Ω
- Diode check: approx. 1.5V
- Electrical insulation: IEC 61010 Cat III, 600 V
- Power: 3 V button cells, 2 pieces
- Weight: 160 g (with battery).

Application

- For commercial, industrial and residential troubleshooting. Power panel, junction box and battery bank monitoring, AC/DC motor testing, electrical testing on non-linear loads, etc.

+ Benefits

- Compact and easy to use.
- Data hold function.
- Audible continuity.
- Low battery indicator.
- High precision measuring.
- Tactile barrier for safety

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital Clamp Meter (English, Danish, Finnish, Norwegian & Swedish)	190x76x36	IMT23114
	Digital Clamp Meter (French, Spanish, German, Portuguese, Polish, Hungarian)	190x76x36	IMT23214

P147560



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P147955



British Standard socket tester

Description

- It is equipped with an additional RCD tester for testing the operation of RCD whose rating is not more than 30 mA
- In conjunction with the coding table provided, combined indicators indicate the true status of the wiring condition
- A clear indication of a PE-error will be shown on the LCD if dangerous contact voltage is present at PE (ground)
- Nominal voltage: 220 V ±10 %
- Frequency range: 50...60 Hz
- Measurement category: Cat III, 300 V
- RCD-test time: 60...300 ms
- Contact voltage threshold: (< 35 V AC against ground depending on coupling to earth)
- RCD test current: 30 mA ±15 %
- Weight: approx. 70 g.

Application

- This socket tester can be used to determine whether socket wiring is correct or incorrect.



Benefits

Provides a true ground error indication through the LCD.
 Quick recognition of dangerous voltage being present at the protective earth.
 Use of three neon indicators provides rapid detection of correct /incorrect wiring.
 Provides fast and effective RCD test function.

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.

	BS Socket tester British plug	77x67x66	IMT23103
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