



BOSCH



ELECTRICAL TESTERS

ELECTRICAL TESTERS

Elevate your electrical work with the latest range of testing tools, engineered for unmatched durability, safety and ease of use in any environment. Discover why Bosch Professional is your go-to source for electrical testers you can rely on.

1



UNMATCHED DURABILITY

Built to last, our tools are water and dust resistant, as well as shockproof. No matter the environment, trust Bosch to deliver reliable performance that stands the test of time.



2

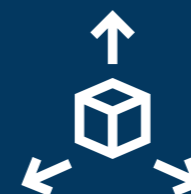


EFFORTLESS USABILITY

Engineered with simplicity and comfort in mind, these tools feature an intuitive design for ease of use. The inverted display offers high contrast and clear readability, making it easy to read off measurements even in challenging lighting conditions.



3



EVERYTHING FROM A SINGLE SOURCE

Streamline your toolkit with Bosch Professional. Our comprehensive range of tools, accessories, and measurement technology ensures you have everything you need at your fingertips, all from a single trusted source.



WHAT DOES CAT MEAN?

DEFINITION

CAT stands for “Category” and is a safety classification system used for electrical measurement devices such as multimeters. CAT classification indicates the level of protection that a device can offer against overvoltage transients that may occur in different electrical environments.



CLASSIFICATIONS

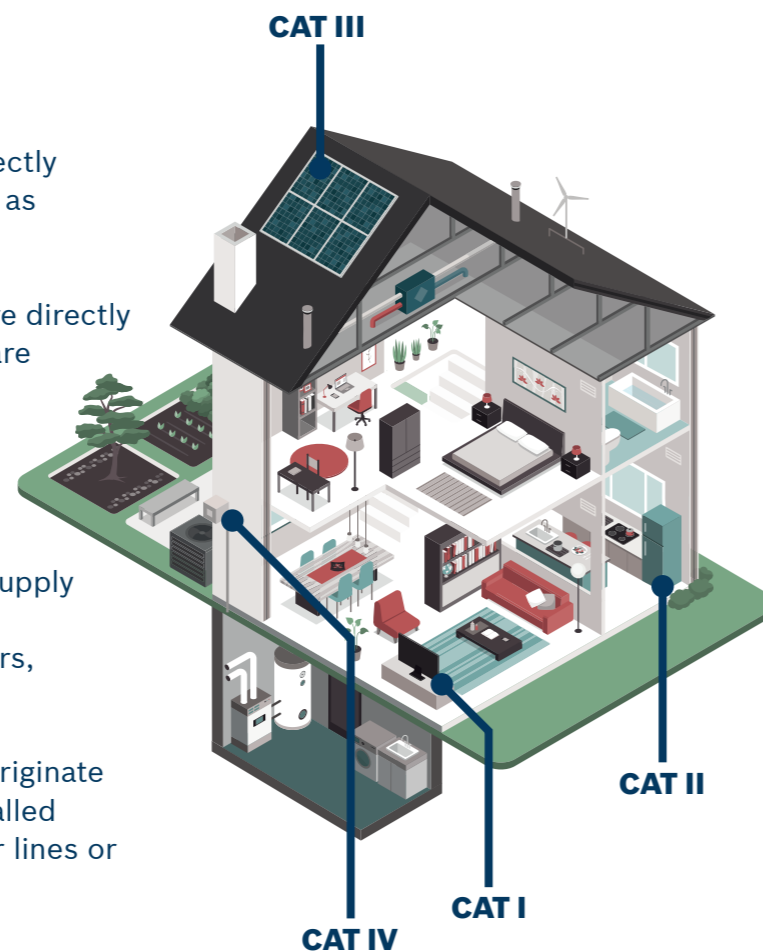
There are four main CAT classifications: CAT I, CAT II, CAT III, and CAT IV.

CAT I is for measurements on circuits not directly connected to the main electrical supply, such as electronic equipment (a TV).

CAT II is for measurements on circuits that are directly connected to the main electrical supply, but are not considered to be at the source of the installation, such as household appliances (e.g. fridges or washing machines).

CAT III is for measurements on circuits that are directly connected to the main electrical supply and are considered to be at the source of the installation, such as distribution panels, motors, and lighting systems.

CAT IV is for measurements on circuits that originate from the electrical utility service and are installed outside of a building, such as overhead power lines or underground cables.



SAFETY

When selecting a multimeter for a specific application, it is essential to choose the CAT classification that corresponds to the electrical environment where the measurements will be taken, as well as the voltage and current levels that will be measured.

It is important to note that using a multimeter with a lower CAT rating than the electrical environment it will be used in can result in injury or damage to the multimeter.

CERTIFICATIONS

DIN EN/IEC 61010-1/UL 6101B-1

Safety requirements for electrical equipment for measurement, control, and laboratory use.



WHAT DOES IP RATING MEAN?

The IP rating or ingress protection rating indicates how well a device is protected against dust and water.



IP54: GMC 600-15, GFM 1000-15



IP65: GVT 1000-15, GDM 600-15



IP67: GVD 1000-17

DEFINITION

The first digit indicates the level of protection the tool provides against the ingress of dust.

The second digit following IP in the rating shows the level of protection of the tool against water ingress.

EXAMPLES

IP54 – Protection against harmful dust deposits (dust protected).
Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the safe operation of the equipment. Protection against water splashing against the tool from any direction (splashing water protected).
Laser technology | IP rating | 121 06

IP65 – Complete protection against dust ingress (dust-tight).
Protection against water projected by a nozzle against the tool from any direction (water jet protected).

IP67 – Complete protection against dust ingress (dust-tight).
Protected against ingress of water when temporarily (up to 30 min) immersed (up to 1 m of submersion).

IP RATING TABLE

1. DIGIT – SOLIDS

Degree of protection against solid objects

No protection **0**

Protection against a solid object greater than 50 mm, such as a hand. **1**

Protection against a solid object greater than 12.5 mm, such as a finger. **2**

Protection against a solid object greater than 2.5 mm, such as a wire. **3**

Protection against a solid object greater than 1 mm, such as a thin strap. **4**

Dust protected. Prevents ingress of dust sufficient to cause harm. **5**

Dust tight. No ingress of dust. **6**

2. DIGIT – WATER

Degree of water protection

0 No protection

1 Protection against water drops.

2 Protection against water drops at a 15 degree angle.

3 Protected against water spray at a 60 degree angle.

4 Protected against water spray from any angle.

5 Protected against low-pressure water jets from any angle.

6 Protected against high-pressure water jets from any angle.

7 Protected against the effects of immersion in water up to 1 m for up to 30 minutes.

8 Protected against the effects of immersion in water under pressure for more than 30 minutes.

NON-CONTACT VOLTAGE TESTER

GVD 1000-17 | Robust tester for enhanced safety

- **Robust design** with IP67 rating for exceptional protection against dust and water on the toughest job sites
- **Dual voltage range** from 24 V to 1000 V AC or 90 V to 1000 V AC for versatile applications
- **Reliable performance** with automatic self-test before each use



DUAL VOLTAGE RANGE
for versatile applications

MULTI-SENSORY VOLTAGE INDICATION

visual, sound and vibration for quick and accurate assess of electrical conditions

ROBUST AND DURABLE DESIGN

to withstand the toughest job sites

STABLE BELT CLIP
for more convenience

CONTINUOUS SELF-TEST
for a more reliable performance

RUBBER GRIP
for stable grip and secure handling

INTEGRATED LED LIGHT
for low-light conditions



MULTIMETER

GDM 600-15 | Efficient multimeter with inverted display and True RMS precision

- **Handles tough job sites** with an IP65 rating for durability and impact resistance
- **Versatile measurements:** frequency, continuity, resistance, and capacitance with min/max/average recording
- **Compact design** for one-handed use, plus a kickstand and magnetic hanging solution (MH 1 Professional) for hands-free operation

PROTECTED TOOLS
Impact | Water | Dust

INVERTED LCD DISPLAY
for enhanced readability

RUBBER GRIP
for stable grip and secure handling

DUAL POWER SOURCE
with 2×1.5V LR06 (AA) batteries or BA 3.7V 1.0 Ah A Professional for higher flexibility

ROBUST AND DURABLE DESIGN
to withstand the toughest job sites

TRUE RMS MULTIMETER
providing precise readings

POWER CUT-OFF PROTECTION
prevents operation and isolates battery contacts when battery compartment is open, reducing risk of electric shocks

COMPACT AND ERGONOMIC DESIGN
for ease of use



VOLTAGE TESTER

GVT 1000-15 | Robust voltage tester for enhanced safety and efficiency

- **Built for tough job sites** with IP65 protection, stable cable-to-tool connection and impact resistance
- **Voltage testing** up to 1000 V AC/DC with visual, audio and vibration alerts
- **Designed in accordance** with IEC EN 61243-3:2014 to confirm the absence of voltage even when batteries are discharged



SELF TEST

to increase safety by checking integrity of tool

RUBBER GRIP

for stable grip and secure handling

ROBUST AND DURABLE DESIGN

to withstand the toughest job sites

STABLE TIP PROTECTION AND STORAGE CASE

for more convenience

CONTINUITY TESTING

for checking complete circuits and ensuring reliable connections

RCD BUTTONS/LOAD ACTIVATION

triggering of residual current devices (RCDs/FI switch)

BUILT-IN LED LIGHT

for low-light conditions

LONG CABLE LENGTH

125 cm for optimized work, e.g. in larger cabinets



FORK METER

GFM 1000-15 | Reliable and robust
True RMS Fork meter with inverted
LCD screen for quick AC current checks

- **Enhanced durability** with IP54 protection and a comfortable grip for tough job sites
- **Measures up** to 200 A AC with an open jaw design for faster work
- **Compact design** with a compatible magnet hanger solution (MH 1 Professional) for work in tight spaces



TRUE RMS FORK METER

providing precise readings

ROBUST AND DURABLE DESIGN

to withstand the toughest job sites

LED LIGHT

for convenient working in low-light conditions

INVERTED LCD DISPLAY

with a high black-and-white contrast and big font for enhanced readability

COMPACT JAW OPENING (16MM)

enables working in tight areas

POWER CUT-OFF PROTECTION

prevents operation and isolates battery contacts when battery compartment is open, reducing risk of electric shocks

RUBBER GRIP

for stable grip and secure handling

DUAL POWER SOURCE

with 2 × 1.5V LR06 (AA) batteries or BA 3.7V 1.0 Ah A Professional for higher flexibility



CLAMP METER

**GMC 600-15 | Efficient and robust:
True RMS Clamp meter with inverted
LCD display for precise readings**

- **Built for tough job sites** with IP54 rating and impact resistance
- **Measures AC current** up to 600 A and voltage up to 600 V AC/DC
- **Compact design** provides easy one-handed operation and hands-free convenience with a compatible magnet hanging solution (MH 1 Professional) for work in tight spaces



TRUE RMS CLAMP METER

providing precise readings

ROBUST AND DURABLE DESIGN

to withstand the toughest job sites

INVERTED LCD DISPLAY

with a high black-and-white contrast and big font for enhanced readability

CLAMP

for non-invasive measurement: no need to open circuits for safe and fast measurements

POWER CUT-OFF PROTECTION

prevents operation and isolates battery contacts when battery compartment is open, reducing risk of electric shocks

RUBBER GRIP

for stable grip and secure handling

DUAL POWER SOURCE

with 2 × 1.5V LR06 (AA) batteries or BA 3.7V 1.0 Ah A Professional for higher flexibility





ELECTRICAL TESTERS

	Clamp meter	Digital multimeter	Fork meter	Non-contact voltage tester	Voltage tester
	GMC 600-15	GDM 600-15	GFM 1000-15	GVD 1000-17	GVT 1000-15
	0 601 077 600	0 601 077 300	0 601 077 400	0 601 077 000	0 601 077 800
Voltage AC/DC	600 V	600 V	1000 V	90-1000 V AC 24-1000 V AC	12 V – 1000 V
Current AC	600 A	10 A AC/DC	200 A	–	–
Measuring category	CAT IV 300 V CAT III 600 V	CAT III 600 V	CAT IV 600 V CAT III 1000 V	CAT IV 1000 V	CAT IV 600 V CAT III 1000 V
Protection class	IP54	IP65	IP54	IP67	IP65
Drop test resistance	2 m	2 m	2 m	2 m	1 m
Power source	2×1.5 V LR06 (AA) BA 3.7V 1.0Ah A Professional	2×1.5 V LR06 (AA) BA 3.7V 1.0Ah A Professional	2×1.5 V LR06 (AA) BA 3.7V 1.0Ah A Professional	2×1.5 V LR03 (AAA)	2×1.5 V LR03 (AAA)



Suitable for: GMC 600-15, GFM 1000-15 and GDM 600-15

ACCESSORIES

Product name	SKU
MH 1 Professional	1 600 A03 8CY
MS 90 Professional	1 600 A03 8D2



MS 90 PROFESSIONAL

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