



PRIMATA
Tecnologia Eletrônica

Technical Specifications

P72

Medium Voltage Ammeter

Wireless Transmission



Presentation

The **Medium Voltage Ammeter P72** is an equipment used for measuring **True-RMS current** in **medium voltage** transmission lines, underground networks and electrical panels up to **69 kV**. It has a current transducer with "U" type opening, **electronically closed**, providing high precision when rejecting interferences from external sources.

The equipment is easy to operate and has a **universal device** to be connected to isolated switch rods, operating in energized networks. Current measurements are performed wirelessly via **application**, at distances of up to **30 meters** between the equipment and the device with the application (tablet or smartphone). Besides that, as an optional, the **P71 Module (Wireless Receiver)** can be supplied with the equipment.

The **Ammeter P72** provides **real-time display of measured current**, recording, deleting and sharing measurements with **geolocation**, battery status display and access to measurement history in its **memory**.



Applications

- ✓ Instantaneous True-RMS current measurement in medium voltage networks;
- ✓ Verification, monitoring and network load studies;
- ✓ Verification of current transformation ratios;

Main Features

Operating voltage (phase-phase)	Up to 69kV
Operating temperature	Up to 60°C
Frequency	50Hz / 60Hz
Scale (defined at the time of purchase)	600A, 1000A or 2000A (True-RMS) Above 2000A on request
Resolution	Range from 0 to 99.9A: 0.1A Range from 100A up: 1A
Accuracy	± (1%+2D)
Memory	It depends on the device (tablet or smartphone) where the application is installed
Hold, Save and Exclude functions	Yes
Share function	Yes ¹
Description of name / place of measurement	Yes ¹
Measurement geolocation	Yes ¹
Automatic shutdown	Yes
Charging	Rechargeable battery with charger
Battery Status Display	Yes
Maximum distance for transmission	30 meters
Universal coupling for shunting rod	Yes
Transducer	Electronically closed "U" type core, allowing easy operation
Opening of the transducer	
With silicone protective cover	65 mm
Without silicone protective cover	70 mm
Dimensions	
With silicone protective cover	50 x 138 x 373 mm
Without silicone protective cover	44 x 132 x 355 mm
Weight	
With silicone protective cover	960 g
Without silicone protective cover	635 g
P71 Module (Wireless Receiver) – <i>Optional</i>	
Memory	Up to 100 stored measurements
Display	2 rows x 16 columns, with backlight
Dimensions	40 x 108 x 205 mm
Weight	0.30 kg

¹ Available only via application, not available when used with P71 Module (Receiver).



Bluetooth Device Requirements (Tablet or Smartphone, not Supplied with the Equipment) where the Application is installed

Operating system	Android
Operating system version	Android 7 or superior ¹
Bluetooth version	4.0 or superior
Application (free)	Primata Tecnologia - P7X

¹ Please consult availability for other operating system versions.

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