

GT-400-D Portable Appliance Tester

Built Tough to Test the Safety and Integrity of Electrical Appliances in accordance with DIN VDE 0701-0702 and DGUV regulation 3 (BGV A3)

The Beha-Amprobe GT-400-D Portable Appliance Tester (PAT tester), is a light-weight, portable appliance tester that tests the integrity of electrical appliances. Developed for the commercial electrician or facilities maintenance persons to carry out a wide variety of safety measurements of electrical appliances, the GT-400-D is extremely easy to use. This tester is designed to perform all tests without using mains voltage like:

- Protective earth bond test
- Insulation resistance test
- Substitute leakage current test

Features

- **Intuitive and simple** to use; suitable for professionals and trained persons.
- **Easily portable** for on the go testing
- **Fast answers** - Instantly measures safety and integrity of electrical appliances
- **Measures earth bond resistance**
- **Insulation resistance measurements** with 500V
- **Measurement of leakage current while using alternative method (= substitute leakage current test)**
- **Tests appliances for safety in accordance with:**
 - DIN VDE 0411-1 / EN 61010-1
 - DIN VDE 0413 / EN 61557 parts 1, 2, 4, 10
 - DIN VDE 0404



Safety Certification

All Beha-Amprobe tools, including the Beha-Amprobe GT-400-D, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Beha-Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Beha-Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.

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GT-400-D
Portable Appliance Tester

CE



Simple to use due to a rotary switch, start button and a clear display with symbols.



Automatic test sequence for equipment in protection class I, protection class II/III.

Specifications

GT-400-D	
Protective earth bond resistance	0.1000 to 2000 Ω ± (5% + 2 digits)
Insulation resistance	0.100 - 9.999 MΩ, 10.00 - 20.00 MΩ ± (5% + 2 Digit)
Substitute leakage current	0.100 - 9.999 mA, 10.00 - 20.00 mA ± (5% + 2 Digit)
Supplied with	Test leads, alligator clip, test probe, supply cable, carrying case, 6 AA batteries, user manual

Protective earth bond Resistance	
Measuring range	0.20...2.00 Ω
Display range	0.05...2 Ω
Resolution	0.01 Ω
Tolerance	± (5% + 4 digits)
Measuring current / voltage	Min. ± 200 mA DC / > 4 V

Insulation Resistance	
Measuring range	0.1...20 MΩ
Display range	0.1...20 MΩ
Resolution	0.1...9.999 MΩ 0.001 MΩ / 10.00...20.00 MΩ 0.01 MΩ
Tolerance	± (5% + 2 digits)
Measuring current / voltage	Min. 500 V DC / >1 mA

Substitute Leakage Current	
Measuring range	0.1...20 MΩ
Display range	0.1...20 MΩ
Resolution	0.1...9.999 mA 0.001 mA / 10.0...20.00 mA 0.01 mA
Tolerance	± (5% + 2 digits)
Measuring current / voltage	Approximately 32 V AC

General Specifications	
Power supply	6 x 1.5 V Batteries (IEC LR6 (AA)) 6 x 1.2 V NiMH rechargeable batteries
Degree of pollution	2
Overvoltage category	CAT II 300 V
Protection degree	IP40
Protection class	II
Electrical safety	EN61010-1/VDE0411
EMC emission	EN61000-6-3
EMC interference resistance	EN61326-1
Dimensions (L x W x H)	Approximately 265 x 110 x 50 mm
Weight	Approximately 700 g
Manufactured	Germany
User interface	German, French, Italian, English

For complete specifications, please download the product manual on [beha-Amprobe.com](http://beha-amprobe.com)