



# INVERTER-CHECKER

**Item Number 4689535**

## **Fast and reliable fault diagnosis for inverter systems**

The INVERTER-CHECKER supports HVAC/R technicians in fault finding on inverter-controlled air-conditioning and heat pump systems. It enables stand-alone testing of the inverter and provides a clear test result – for fast and targeted diagnostics on site.

The test runs automatically. Once completed, an audible signal confirms the test result. The result is stored and remains available even if the technician is not directly at the unit during the test. This is particularly useful for systems where the inverter responds with a time delay.

In addition to testing the inverter, the INVERTER-CHECKER also enables the serial data interface to be checked. The permanently attached safety cables with interchangeable connectors ensure that the required connection cables are always at hand.

Thanks to its compact and slim design, the INVERTER-CHECKER is easy to carry and always ready for service work.

- Automatic testing with stored results available at any time
- Fast and clear diagnosis of inverter systems
- Includes testing of the serial data interface
- Compact design – fits in your pocket
- Safety cables with interchangeable connectors
- Audible signal when testing is complete
- For inverter-controlled air-conditioning and heat pump systems
- Input voltage up to 600 V

## Technical Data



*Acknowledged globally*

|                             |                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                    | ABS   Rubber   FR-4                                                                                                                                                                     |
| Colour                      | yellow (RAL 1023)   red   green (RAL 6026)                                                                                                                                              |
| Number of Pieces            | 1                                                                                                                                                                                       |
| Standards                   | EN 61326-1 EN 61010-1 CE FCC RCM REACH                                                                                                                                                  |
| RoHS Conformity             | Yes                                                                                                                                                                                     |
| Frequency                   |                                                                                                                                                                                         |
| Scope of Supply             | 1× INVERTER-CHECKER (integrated cable) 1× Protective pouch 2× AAA batteries 3× Crocodile clips 1× Quick Guide                                                                           |
| Operating Temperature Range | -30 °C - 70 °C                                                                                                                                                                          |
| Storage Temperature Range   | -20 °C - 70 °C                                                                                                                                                                          |
| Storage Humidity Range      | 0 - 90 %                                                                                                                                                                                |
| Measuring Range             | 440 VAC, 600 VDC                                                                                                                                                                        |
| Protection Class            | II                                                                                                                                                                                      |
| Ingression Protection       | IP44                                                                                                                                                                                    |
| Battery                     | 2 x AAA                                                                                                                                                                                 |
| Functions                   | Quickly identifies faults on the inverter PCB. Tests 3-phase communication.<br><br>Tests data bus communication.<br><br>Displays the latest test result.<br><br>Shows battery capacity. |
| Cable Length                | 320 mm                                                                                                                                                                                  |
| Packaging                   | Cardboard box                                                                                                                                                                           |