

R7000 Electrical Receptacle Analyzer

The R7000 Electrical Receptacle Analyzer is an advanced device for health care facilities to simplify their methods of compliance to Center of Medicaid Services (CMS) expectations and requirements of National Fire and Protection Agency (NFPA) 99. This device allows health care facilities to save time and money by automatically generating NFPA compliant reports of test results, recognized by The Joint Commission.



PROBLEM

Due to hazards of fire, explosion and electricity within health care facilities, the National Fire Protection Association has established the NFPA 99 Health Care Facilities Code. To comply with CMS expectations and requirements health care facilities must be inspected, tested and maintained in accordance with this code.

SOLUTION

The R7000 Electrical Receptacle Analyzer allows healthcare facilities to automatically perform up to 12 tests per receptacle, documenting results into NFPA compliant reports that are recognized by The Joint Commission.

RESULTS

The R7000 drastically reduces the time spent testing receptacles and generating NFPA compliant reports, allowing health care facilities to save money, while enabling compliance and promoting patient safety.

BENEFITS:

- Automated testing reduces likelihood of errors
- Enables compliance to NFPA 99 Code*
- Performs up to 12 standard NFPA 99 tests simultaneously

*NFPA 99 Codes 6.3.3.2, 6.3.3.1.6.1 - 6.3.3.1.6.2

TESTS PERFORMED:

- Standard "OKX" Test to Check Receptacle Wiring Polarity
- Isolated Power Wiring
- Line Voltage
- Phase Relationship between Receptacles
- Neutral to Ground Voltage
- Neutral to Ground Resistance
- Ground to Ground Voltage
- Ground to Ground Resistance
- Contact Tension (Gripping Force) of Hot, Neutral and Ground Prongs

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TECHNICAL SPECIFICATIONS:

Mode of Operation:	Analyzer with touchscreen and 115-volt test probe
Tests Performed:	Standard "OKX" Test to Check Receptacle Wiring Polarity, Isolated Power Wiring, Line Voltage, Phase Relationship Between Receptacles, Neutral to Ground Voltage, Neutral to Ground Resistance, Ground to Ground Voltage, Ground to Ground Resistance, Contact Tension (Gripping Force) of Hot, Neutral and Ground Prongs
Weight:	In Use (Analyzer & Test Probe): Approx. 4lbs. In Use (Analyzer, Test Probe & Reference Cord): Approx. 5lbs. In Storage: Approx. 13lbs.
Size:	Analyzer - 9" W x 2.75" H x 7.5" D Storage Case - 18" W x 5.5" H x 14" D

HARDWARE INCLUDED:

- Analyzer with touchscreen display
- Test Probe for 115-volt electrical receptacles
- Optional reference cord for comparative testing
- Independent charging cable
- USB cable for uploading/downloading
- Shoulder/neck straps
- Software installation disc and user's guide
- Samsonite® hard briefcase

SOFTWARE INCLUDED:

Newly developed Report Commander™ data/template collection and reporting software.

WARRANTY:

With the purchase of the R7000 Electrical Receptacle Analyzer, BST offers a one-year warranty on all parts and labor.

GUARANTEE:

Each BST analyzer comes with a 30-day limited money back guarantee.

CALIBRATION:

BST Analyzers are calibrated to NIST traceable standards before they leave the BST warehouse. Annual calibration is required by NFPA 99 Code 6.3.3.1.5.

NEW CALIBRATION PROGRAM OFFERING:

- 3-year program.
- 10 percent discount for repairs and service.
- 5-day turnaround.
- Transferable plan for outdated / unreparable units.