

# R7000 Electrical Receptacle Analyzer

The R7000 Electrical Receptacle Analyzer performs up to 12 standard NFPA 99 tests within a matter of seconds and automatically-generates reports that are recognized by The Joint Commission. An optional reference cord offers two test routines: (1) an expanded program with comparative testing (2) a simplified program for troubleshooting and quick checks.

## Benefits

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



## 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

\*NFPA 99 Codes 6.3.3.2, 6.3.3.1.6.1 - 6.3.3.1.6.2

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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 ¾" H x 7 ½" D  
Storage Case – 18" W x 5 ½" 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.