

## TRT-A100 SMOKE DETECTOR TESTER/REMOVAL TOOL



### STANDARD FEATURES

- Combination tester/removal.
- Tests Hochiki America smoke detectors with a dual reed switch.
- Choose either a Hand held or 15' stainless steel extension pole with easy grip black handle.
- No combustion material needed.
- No meter, batteries, or screwdriver required.
- UL listed.
- Meets outlined requirements in the NFPA 72 Inspection, Testing and Maintenance, Chapter 7.

### SPECIFICATIONS

Detector Tester/Removal Tool	
Dimensions	3.4" D x 2.4" H
Material	Highly durable PVC molded plastic
Color	Gray-provides visible contrast
Alignment	One side for test, one side for removal. Color-coded labels for easy visibility
Tester/Removal Tool Handle	
Options	Hand Held or Extension Pole
Dimensions	Pole extends to 15'
Material	Stainless steel with easy grip black handle

Specifications subject to change without notice.

### APPLICATION

The HOCHIKI America TRT-A100 Smoke Detector Tester/Removal Tool enables the user to access, test, remove and reinstall the SIH and SLK series smoke detectors. The detectors, manufactured with a magnetically activated dual reed switch for sensitivity testing, can be sensitivity tested. This meets the requirements of a UL listed calibrated test without the use of combustion materials.

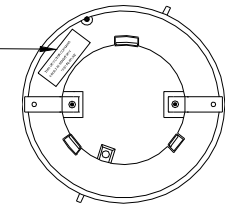
The TRT-A100 is in compliance with the test requirements outlined in the NFPA 72 Inspection, Testing and Maintenance, Chapter 7.

### OPERATION

#### Test Procedure

This method of sensitivity testing is designed only for HOCHIKI America smoke detector models SIH and SLK Series that contain a label which identifies this specific feature. See below. DO NOT attempt to use this method of sensitivity testing on detectors without this label.

THIS DETECTOR CONTAINS  
A BUILT-IN SENSITIVITY  
TEST FEATURE



Conduct the testing with detector wired to appropriate initiating circuit or current limited power source and with normal applied power. Abnormal or low power conditions may effect sensitivity. Always reset the power before you test the next unit.

1. Place the TRT-A100 onto the detector aligning the orange arrow shown on the removal/test tool with the tamper resistant set screw on the detector.
2. Wait six to eight seconds. Detector SHOULD NOT alarm.

### PRODUCT LISTINGS

SIGNALING



LISTED  
S1316

MEA  
284-91E Vol. II

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## **OPERATION, continued**

3. If the detector does alarm when the removal/test tool is placed in this position, the detector is not within specified sensitivity limits and may require service.
4. Rotate the TRT-A100 one-half circle (180°). Align white arrow shown on tester tool with tamper resistant set screw.
5. Wait six to eight seconds. Detector SHOULD alarm and the indicator LED should remain lit.
6. If detector does not alarm when the TRT-A100 is positioned correctly, may not within specified sensitivity limits and may require service. See Technical Bulletin HA-88 (November '96) for more information.

## **Removal Procedure**

This section explains how to use the HOCHIKI America TRT-A100 Tester/Removal Tool to remove smoke detectors from their bases.

1. Flip the TRT-A100 so the five small arrows located beneath the white orange arrows are point upward.
2. Fit the TRT-A100 to the detector and lock into place.
3. To remove a detector, rotate the TRT-A100 to the left (counterclockwise).
4. To install a detector, rotate the TRT-A100 to the right (clockwise).