

# PosiTector® **RTRH**

## Replica Tape Reader

Measures and records surface profile parameters using replica tape



For use with Testex® Press-O-Film®  
Replica Tape



 **STORM  
MACHINERY**

**DeFelsko®**  
The Measure of Quality



Available on the  
App Store



PosiTector®  
**SmartLink**  
Compatible



### Simple

- Measures surface profile height using replica tape in accordance with ASTM D4417, ISO 8503-4, and NACE SP0287
- Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- On-gage help explains menu items at the touch of a button
- RESET feature instantly restores factory settings

### Durable

- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Rugged indoor/outdoor instrument—ideal for field or shop use
- Ergonomic design with durable rubberized grip
- Shock-absorbing protective rubber holster for added impact resistance
- Two year warranty on gage body AND probe

### Accurate

- Simply select the appropriate replica tape grade to automatically apply the appropriate conversion factor and subtract the 50  $\mu$ m (2 mil) backing thickness
- Certificate of Calibration showing traceability to PTB included
- Conforms to national and international standards including ISO and ASTM

### Versatile

- PosiTector body accepts all PosiTector RTR, SPG, 6000, 200, DPM, IRT, SST, SHD, BHI, GLS, and UTG probes easily converting from a surface profile gage to a coating thickness gage, dew point meter, soluble salt tester, hardness tester, gloss meter, or ultrasonic wall thickness gage
- Selectable display languages
- Auto rotating display with Flip Lock

### Powerful

- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- Screen Capture—save 100 screen images for record keeping and review
- Instant-on feature quickly powers up the gage if recently powered down
- Over 20 hours of continuous operation with 3 AAA batteries
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data



## Select Standard or Advanced Features

### Standard Models

**Includes ALL features as shown on left plus...**

- Storage of 1,000 readings per probe—stored readings can be viewed or downloaded

### Advanced Models

**Includes ALL features as shown on left plus...**

- Storage of 250,000 readings from multiple probes in up to 1,000 batches
- Live graphing of measurement data
- Touchscreen keyboard for quickly renaming batches, adding notes, and more
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- Bluetooth 4.0 Technology** for data transfer to a mobile device running the PosiTector App or optional portable printer. **BLE API** available for integration into third-party software.

For a complete comparison of the Standard and Advanced features visit [www.defelsko.com/rtr](http://www.defelsko.com/rtr)

### PosiTector SmartLink™

- Wirelessly connect PosiTector RTR H probes to your smart device
- Turns your cell phone or tablet into a virtual PosiTector gage
- Includes free mobile app



### Ordering Guide

|                |         |
|----------------|---------|
| Standard Model | RTRH1   |
| Advanced Model | RTRH3   |
| Probe Only     | PRBRTRH |

For information on measuring common 2D/3D profile parameters such as Ra, Rz, Sq, Spd and more with the **PosiTector RTR 3D** visit [www.defelsko.com/RTR3D](http://www.defelsko.com/RTR3D)

### Peak Height (H<sub>L</sub>) Specifications

|            |                                 |
|------------|---------------------------------|
| Range      | 20–115 $\mu$ m (0.8–4.5 mils)   |
| Accuracy   | $\pm 5 \mu$ m ( $\pm 0.2$ mils) |
| Resolution | 1 $\mu$ m (0.1 mils)            |

**ALL GAGES COME COMPLETE** with high accuracy burnishing tool, 5 cleaning cards, check shim(s), surface cleaning putty, protective rubber holster, wrist strap, 3 AAA alkaline batteries, instructions, protective carrying case, protective lens shield, Long Form Certificate of Calibration traceable to PTB, USB cable, PosiSoft Software, two (2) year warranty on body and probe.



Conforms to ASTM D4417, ISO 8503-5, NACE RP287, SSPC-PA 17, SSPC-SP5, SP6, SP10, SP11-87T and others.