

# Test Bench



**for Scanning HMD Rota-Sonde DC**

**for Static HMD Stato-Sonde Z**

**for Scanning Infrared Loop Scanner  
Rota-Sonde TS**



**Introduction**

The test bench is designed for easy maintenance and testing of DELTA hot metal detectors and infrared loop scanners. It is useful to:

- check the detection and measurement functions,
- control the outputs,
- test the sensitivity selection and threshold setup,
- make some maintenance on the different sensors.

On the loop scanner, it can also help the user to make calibration of the sensor after replacement of a motor or main electronic board.



On the back of sensor, some switch allows to parameter the power supply deliver to the sensor, so sensors with different power supply can be tested on the same bench.

**Description**

The test bench includes:

- a mounting support to secure the sensor in its operating position
- an infrared light source with adjustable intensity, position on an arm with adjustable position
- an ampere-meter to monitor the infrared light source current from the photcell
- a cable with a plug to connect the different sensors
- test points for the various outputs for connection of test equipment (multimeter or oscilloscope)
- indicator lamps for checking static outputs, relay outputs



**Reference for order**

- 7140001:** Test Bench, power supply 230 VAC – 50/60 Hz
- 7140004:** Test Bench, power supply 115 VAC – 50/60 Hz

**DELTA**

Tel : +33 388 78 21 01 - Fax : +33 388 76 02 29  
 info@deltasensor.eu - www.deltasensor.eu

**DELTA Sensor (China)**

Tel: +86 519 8188 2500 - Fax: +86 519 8188 2400 - info@deltasensor.com.cn

**DELTA Vertriebsgesellschaft mbH (Germany)**

Tel: +49 700 3358 2736 - Fax: +49 700 3358 2835 - info.de@deltasensor.eu

**DELTA Sensor (India)**

Tel: +91 11 4054 8170 - Fax: +91 11 4054 8172 - info@deltasensor.co.in

**DELTA USA, Inc. (North America)**

Tel: +1 (412) 429 3574 - Fax: +1 (412) 429 3348 - info@delta-usa.com

**DELTA Sensor (Russia)**

Tel: + 7 916 682 6027 - info.ru@deltasensor.eu

Subject to change without prior notice.  
 Pictures non contractual.