

Ultrasonic Portable Test Tool

01-TT

The 01-TT ultrasonic test tool is a portable, battery-operated source of ultrasound for periodic testing of the Incus ultrasonic gas leak detector. The test tool produces ultrasound to verify response of an ultrasonic gas leak detector without the need for an open gas release. The unit is suitable for use in non-hazardous (de-classified) areas or in hazardous areas with the appropriate permits.

- Direct contact with detector not essential for most installations
- Minimizes requirement for scaffolding or extension pole mounts
- Preset time elapse ultrasound emissions based on typical system alarm delays
- Designed for onsite use: portable, battery powered, easy to carry and transport
- Test unit health status monitored



01-TT

Specifications

Table 1 - 01-TT Product Details

Range	8 meters (26.2 ft) (greater distances are achievable depending on ultrasonic background noise)
Alignment	±5 °C 01-TT to detector face
Indications	Low battery, Charging, Fully charged, Battery healthy
Battery life	24 hours continuous use – Standby: approximately three months
Electrical ratings	Universal battery charger input voltage: 110 Vac/230 Vac 50/60 Hz
Charging requirements	8 hour standard charge using – Charge temperature ambient 0 to +40 °C (32 to 104 °F)
Environmental	Operating temperature: -20 to +60 °C (-4 to 140 °F) . Storage temperature: -20 to 70 °C (-4 to 158 °F)
Instrument dimensions	277 x 130 x 177 mm (10.9 x 5.1 x 7 in.). Weight: 2.5 kg (5.5 lb)
Carry case dimensions	460 x 330 x 160 mm (17 x 13 x 6.3 in.). Weight: 5 kg (11 lb) including 01-TT
Certifications/approvals	EMC Directive and Low Voltage Directive EMC Emission EN 50081-1 (1992) Generic emission standard. Part 1: Residential, commercial, and light industry. EN 50081-2 (1993) Generic emission standard. Part 2: Industrial environment EMC Immunity EN 50082-1 (1997) Generic immunity standard. Part 1: Residential, commercial, and light industry. EN 61000-6-2 (1999)

www.Emerson.com/RosemountFlameGasDetection



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