

APPLICATIONS

- Diesel engines; for monitoring:
- exhaust gas, cooling water, oil, air-inlet temperatures
- Compressors,
- Turbochargers,
- other machines subjected to severe vibrations
- max. temperature 800°C

TEMPERATURE RANGES

- 0 ... +120 °C
- 0 ... +160 °C
- 0 ... +200 °C
- 0 ... +250 °C
- 50 ... +650 °C
- 50 ... +750 °C

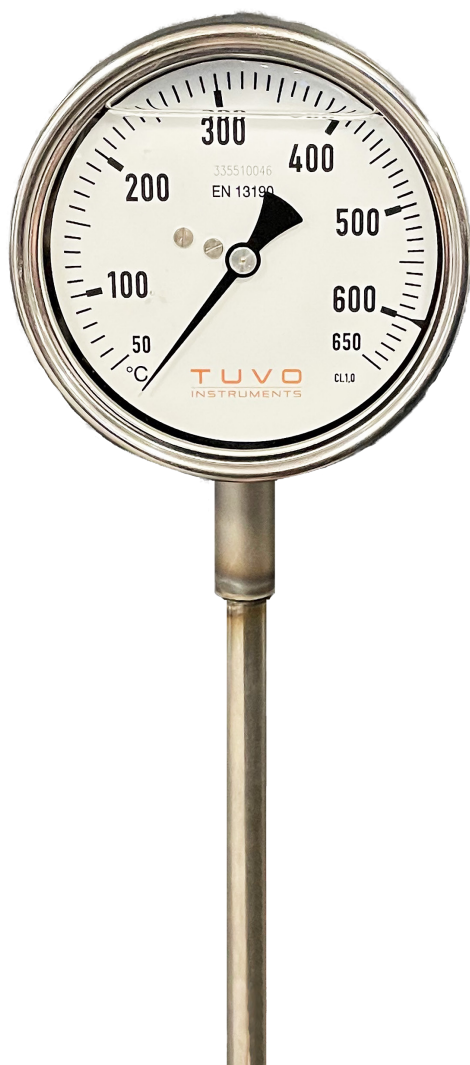
DESCRIPTION

TUVO Instruments Exhaust Gas Dial Thermometers are designed for monitoring diesel engine exhausts, cooling water, oil and air-inlet temperature measurements.

The TUVO Exhaust Gas Dial Thermometer is capable of withstanding maximum temperature of 800° Celsius. The case of the dial is made out of bayonet lock, silicone oil filled, AISI304/1.4301, and is IP67 certified.



PYROMETER



Dimensions

See table below

Design

Silicone oil filled Exhaust Gas Thermometer with back or bottom stem entry.

Measuring System

Nitrogen N2

Casing/Bezel

Black painted die-cast aluminium

Max. Working Temperature

Full scale value at continuous operation

Degree of protection

IP67

Mounting

Back or bottom entry

Stem Diameter

12, 13 or 16 mm

Immersion Length

L-100, 150, 200, 250, 300 eller 350 mm.

Connection

Adjustable union G 1/2" for stem 12 or 13 mm.
Adjustable union G 3/4" for stem 16 mm.

Thermowell

Available in steel or stainless steel on request.

Accessories

Adjustable union M 18 x 1,5, M 20 x 1,5 for stem 12 mm. Adjustable union M 27 x 2 for stem 16 mm.

Type	ØD (mm)	Ød (mm)	LG	
080	100	12, 13 alt. 16	100, 150, 200, 250, 300 alt. 350	M27x2, G1/2", G3/4"
081	100	12, 13 alt. 16	100, 150, 200, 250, 300 alt. 350	M27x2, G1/2", G3/4"
100	120	12, 13 alt. 16	100, 150, 200, 250, 300 alt. 350	M27x2, G1/2", G3/4"
101	120	12, 13 alt. 16	100, 150, 200, 250, 300 alt. 350	M27x2, G1/2", G3/4"