

TGF11 Tracer Gas Filler

Leak testing with tracer gas requires filling your test object. The TGF11 Tracer Gas Filler is a stand-alone instrument which allows for easy and reliable tracer gas filling and evacuating. It ensures that the entire test object is filled with tracer gas at the right time and at the right pressure. It also evacuates the tracer gas after the test avoiding contamination of the work area.

The new user interface allows easy, intuitive control of the instrument reducing operating errors. The filler has no moving parts, thus minimizing maintenance expense, and is well-suited for use in industrial serial production.

The TGF11 is an accessory to INFICON hydrogen and helium leak detectors, such as Sensistor Sentrac Hydrogen Leak Detector.



ADVANTAGES

- Ensured tracer gas filling in the entire test object
- Avoids background contamination
- Made for demanding industrial environments
- Dual port for filling and evacuating for short cycle times
- Minimal maintenance
- Easy set-up

FEATURES

- Evacuates, fills and purges the test object
- Available in low pressure version (0.05 - 2 barg/ 0.7 - 29 PSIG) and standard version (0.3 - 10 barg /4.4 - 145 PSIG)
- Gross leak abort function prior to tracer gas filling
- Prop valve for optimized filling
- Uses a cost-effective venturi pump for gas evacuation - minimizing maintenance costs

ORDER INFORMATION

Type	TGF11 Tracer Gas Filler, low pressure	TGF11 Tracer Gas Filler, standard pressure
Tracer Gas Filler TGF11, low pressure version (0.05 - 2 barg/ 0.7 - 29 PSIG)	590-559	
Tracer Gas Filler TGF11, standard pressure version (0.3 - 10 barg /4.4 - 145 PSIG)		590-558

SPECIFICATIONS

Type	TGF11 Tracer Gas Filler, low pressure	TGF11 Tracer Gas Filler, standard pressure
Pressure	0.05-2 barg (0.7-29 PSIG)	0.3-10 barg (4.4-145 PSIG)
Tracer Gas pressure supply	100 - 400 kPa (1 - 4 barg, 14.5 -58 PSIG)	100 - 1100 kPa (1 - 11 barg, 14.5 -159.5 PSIG)
Supplies		
Compressed Air	300 - 1000 kPa (3-10 barg /43.5-145 PSIG)	300 - 1000 kPa (3-10 barg /43.5-145 PSIG)
Connections	Push in fittings, OD 6,10,12 mm	Push in fittings, OD 6,10,12 mm
Power Supply	100 – 240 VAC, 50/60 Hz, 2 A	100 – 240 VAC, 50/60 Hz, 2 A
Tracer Gas Pressure Supply	100 - 1100 kPa (1-11 barg / 14.5-159.5 PSIG)	100 - 1100 kPa (1-11 barg / 14.5-159.5 PSIG)
Capacity*		
Evacuation Time	0.8 s/l to -0.5 barg (-7.2 PSIG); 1.6 s/l to -0.7 barg (-10.1 PSIG); 2.5 s/l to -0.8 barg (-11.6 PSIG)	0.8 s/l to -0.5 barg (-7.2 PSIG); 1.6 s/l to -0.7 barg (-10.1 PSIG); 2.5 s/l to -0.8 barg (-11.6 PSIG)
Maximum vacuum	-0.85 barg (-11.6 PSIG) (85% vacuum)	-0.85 barg (-11.6 PSIG) (85% vacuum)
Communication Interface	USB device RS232 PLC Input/Output Operator interface	USB device RS232 PLC Input/Output Operator interface
Ambient temperature range	5°-45°C (41°-113°F)	5°-45°C (41°-113°F)
Dimensions (W x H x D)	305 x 160 x 284 mm (12 x 6.2 x 11.1 in.)	305 x 160 x 284 mm (12 x 6.2 x 11.1 in.)
Weight	9.5 kg (19.8 lb.)	9.5 kg (19.8 lb.)



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