

TGF10, Tracer Gas Filler

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Leak Testing with tracer gas normally requires filling your test object. The TGF10 Tracer Gas Filler is a simple and reliable instrument for charging the test object with tracer gas and evacuating it again. The purpose of this filler is to get tracer gas into your test object at the right time and remove it after the test to avoid background contamination. It also ensures that tracer gas fills your entire test object for highest possible sensitivity and problem free leak testing in your work shop. The TGF10 is an accessory to the Sensistor ISH2000 Hydrogen Leak Detector, from which all control parameters are easily set up. The filler has no moving parts, thus minimizing maintenance.

The TGF10 belongs to a family of instruments based on the hydrogen method. This method involves injecting a safe, environmentally-friendly tracer gas containing 5% hydrogen in nitrogen into the test object. A unique 100% selective hydrogen sensor tells the operator where the leak is and how big it is.



利点

- Ensures tracer gas injection and avoids air pockets
- Avoids background contamination
- Easy to use and setup
- Small size and robust design
- Minimal maintenance
- Leaks can be located immediately after pressure decay measurement in the same fixture, so no extra fixtures are required

機能

- Removes spent tracer gas away from work station
- Evacuates, fills and purges the test object
- Simple and reliable operation
- Uses compressed air, 4-8 bar to activate valves
- Uses a venturi for gas evacuation
- Evacuation time 0,7 s/l to -0,5 bar; 1,6 s/l to -0,7 bar; 3,0 s/l to -0,8 bar
- Fill time 600 std l / min free flow

注文の情報

タイプ

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ISH2000、水素リークディテクタ	590-750
TGF10、テストガス・ フィラー	590-557
センシスター ISH2000C、水素リークディテクタ、電池モデル	590-770
センシスター ISH2000P、水素リークディテクタ、パネルモデル	590-760

仕様

タイプ	TGF10, Tracer Gas Filler
Supplies	
Supply Voltage	24 VDC from Sensistor ISH2000 Hydrogen Leak Detector
Compressed Air	400-800 kPa (4-8 bar, 58-116 PSI)/filtered to 40 µm
Tracer Gas Pressur	0-900 kPa (0-9 bar, 0-130 PSI)
Connections	Tracer gas, outlet, compressed air and test object: internal 1/4 in. pipe thread (ISO G1/4 in.) Sensistor ISH2000: APC bus cable (supplied) Active Probes: APC bus cable (not supplied)
Capacity*	
Maximum Vacuum	-0.85 bar (85% vacuum)
Evacuation Time	0.7 s/l to -0.5 bar; 1.6 s/l to -0.7 bar; 3.0 s/l to -0.8 bar
Fill Time	600 std l / min free flow: typically 1.0 s/l
Ambient temperature range	10° to 50°C (50° to 122°F)
Dimensions (W x H x D)	100 mm x 275 mm x 205 mm (3.9 in. x 10.8 in. x 8 in.)
Weight	4.5 kg (9.9 lb.)

アクセサリ

	TGF10, Tracer Gas Filler
AP55、スニファープローブ	590-550
AP57、逆流プローブ	590-555
APC Bus Cable	591-282



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