

HS-Gasket Bypass Test Device



Using the leak-test device guarantees additional security when replacing a filter. Units and filters that are equipped with the according preconditions (e.g. leak test grooves, leak test gaskets) can therefore easily be tested for a bypass-free and exact fitting fixation of the filters. This device is mainly used for filter systems that fall into the normative range of DIN 1946-4 (1998) or KTA 3610 where filter gasket bypass tests are an obligation.

Technical data

Pressure metering scale	0 - 3,0	[kPa]
Flowmeter metering range	0,1 - 0,5	[l/min]
Optional metering range	0,1 - 1	[l/min]
Flowmeter with vent		
Pressure reservoir with a volume of	0,5 lr.	
D1: pressure port for hand pump (included)		
D2: pressure port for bulkhead coupling for 4 x 8 mm hose		
Device Dimensions (W x H x D)	200x150x100	[mm]



The Usage

Connect the bulkhead coupling (D2) and the connection of the HEPA-filter with a hose. Hook up a hand pump to D1. Open the flow measuring device's valve counter clockwise. The pump will now apply pressure (2 kPa) to the system. If the gasket is intact and is fixed correctly, the flow-measuring device will know acknowledge any noticeable losses in air volume. If bypasses occur, the vanishing air will be indicated. Always maintain a level of about 2 kPa – if necessary pump additional air into system.

