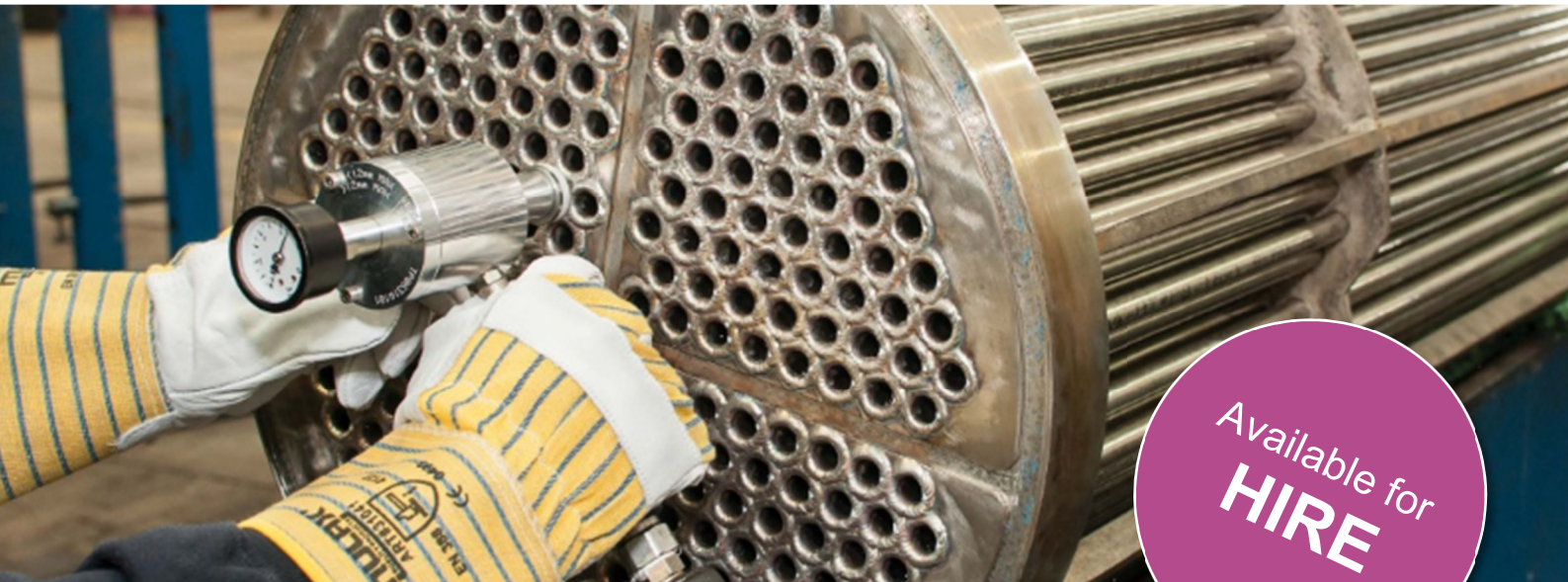


HEAT EXCHANGER TUBE TESTING SYSTEM



A heat exchanger tube leak testing gun set that can pneumatically test from 3 to 10 tubes per minute. The set, consists of an air injection gun, plugging gun and three seal holder sets, which makes finding leaking heat exchangers tubes safe and quick.

SIMPLE TO OPERATE

Simply connect the injection gun to plant air or an inert gas. Insert it into one end of the tube, insert the plugging gun into the other and press the air control valve. Air expands the seals on both guns and pressurises the tube. When the pressure in the tube stabilises, release the air control valve. Any reduction of pressure will be indicated on the integral pressure gauge to reveal even the smallest tube leak. Press the relief control valve to release the pressure out of the tube and the seals on both guns release again.





SEAL SETS TPAN

Neoprene seal (other materials on request) complete with stainless steel washer sets to prevent corrosion.

SEAL HOLDERS TP

Including three seal holder sets to test tubes from 7.2 to 32.5mm ID. The seal holders are made of stainless steel to prevent corrosion.



SPECIALS: OVAL SEAL SETS

Oval seal sets specially for air-fin coolers. Available in four different sizes: 55 x 18/S1.9, 44 x 16/S1.9-2.3, 36 x 14/S1.5 and 44 x 16/S3.75.

REGULATOR

A regulator is a device that reduces the pressure to a fixed value after the release of the inert gas or air. When using seal seats smaller than 12mm the operating pressure has to be reduced to 2.8 - 4 bar.



TESTING GUN EXTENSION PIECE

An extension device TP2201 has been developed for air-fin/fin-fan coolers and channel heads. The extended length prevents the installer leaning into the heat exchangers with channel heads or divider plates. The TP2201 extension device has a standard length of 300mm. Multiple extension devices can be conveniently connected to one another for greater distances. The required seal container is then placed at the end of the extension piece.



SEAL SETS & SEAL HOLDERS



Features of the Tube testing system:

- Compact and lightweight: each gun weighs less than 1kg
- Uses standard plant air (or inert gas) supplies from 2.7 to 8.5 bar.
- Unique sealing element of the seal holders prevents leakage after changing the Seal and Washer sets
- All thread connections are metric or BSP, through which debris and other impurities can be removed easily

SEAL SET	ID RANGE	SEAL HOLDER
TPAN5107	7.2 – 8.5mm	TP2031
TPAN5108	8.2 – 9.5mm	TP2031
TPAN5109	9.2 – 10.5mm	TP2031
TPAN5110	10.2 – 11.5mm	TP2031
TPAN5111	11.2 – 12.5mm	TP2031
TPAN5112	12.2 – 13.5mm	TP2031

TPAN5212	12.2 – 13.5mm	TP2081
TPAN5213	13.2 – 14.5mm	TP2081
TPAN5214	14.2 – 15.5mm	TP2081
TPAN5215	15.2 – 16.5mm	TP2081
TPAN5216	16.2 – 17.5mm	TP2081
TPAN5217	17.2 – 18.5mm	TP2081
TPAN5218	18.2 – 19.5mm	TP2081
TPAN5219	19.2 – 20.5mm	TP2081
TPAN5220	20.2 – 21.5mm	TP2081
TPAN5221	21.2 – 22.5mm	TP2081
TPAN5222	22.2 – 23.5mm	TP2081
TPAN5223	23.2 – 24.5mm	TP2081
TPAN5224	24.2 – 25.5mm	TP2081
TPAN5225	25.2 – 26.5mm	TP2081
TPAN5226	26.2 – 27.5mm	TP2081

TPAN5327	27.2 – 28.5mm	TP2101
TPAN5328	28.2 – 29.5mm	TP2101
TPAN5329	29.2 – 30.5mm	TP2101
TPAN5330	30.2 – 31.5mm	TP2101
TPAN5331	31.2 – 32.5mm	TP2101

Other sizes available on request

COMPETENCE TRAINING

Total Rental Solutions can arrange competence training courses at one of our locations, at your office or on site. Training is provided by a certified person and focusses on the technical skills required to test for leaks and to install IPCO plugs as well as risk assessment and prevention of hazardous operation when working with heat exchange units. Upon successful completion of the course, the trainee will be issued with an IPCOSAFE certificate. An annual refresher course would be required to ensure operators of IPCO equipment are fully compliant.



Although every effort is made to ensure that the information provided is correct, IPCO B.V. and/or Total Rental Solutions Ltd accept no responsibility for any damage or injury which may result from the use of its products. We advise all users to satisfy themselves that the products are suitable for the purpose for which they are deployed.



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