



Tube Testing System

Introduction

Find leaking heat exchangers tubes safe and quickly with the IPCO Tube Testing Guns. It reveals even the smallest tube leak (pinholes). With the Tube Testing Gun Set, you can pneumatically test from 3 to 10 tubes per minute, all with significantly less operator fatigue and greater operator safety. The set comes complete with three rod and tube assembly sets to test tubes from 7,2 to 32,5mm ID.

Operation

Connect the Tube Testing Guns to plant air or an inert gas. Insert the Air Injection gun in one end of the tube, the Plugging gun into the other and press the air control valve. Air expands the seals on both guns and pressurizes the tube. When the pressure in the tube stabilizes, 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.

Features

- Interchangeable Seal and Washer Sets: allows testing of tubes from 7,2 to 32,5mm ID.
- Compact and light weight: each gun weighs less than 1kg.
- Uses standard plant air (or inert gas) supplies from 2,7 to 8,5 bar.
- Standard seal material: neoprene.
- Seal holders and washers are made of Stainless Steel.
- No leakage after changing the Seal and Washer sets due to the unique sealing element of the seal holders.
- All thread connections are metric or BSP, through which debris and other impurities can be removed easily.



SEALSETS



Neoprene seal (other materials on request) complete with RVS washer sets for use with the Tube Testing Guns.

SPECIALS: OVAL SEALSETS



Oval sealsets specially for air-fin coolers. Available in four different sizes 55x18/S1.9, 44x16/S1.9-2.3, 36x14/S1.5 and 44x16/S3.75.

SEALHOLDERS



The sealholders allow testing of tubes from 7,2 to 32,5mm ID. Sealholders are made of Stainless Steel to prevent corrosion.

IPCO PLUGS



IPCO Plugs are used in heat exchangers to maintain a safe and efficient seal. For more information we refer you to the IPCO Plug brochure.

OVERVIEW SEALSETS AND SEALHOLDERS

SEALSET	ID RANGE	SEALHOLDER
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 on request.

SERVICE

Leaking heat exchangers tubes must be tested and sealed off immediately. You can call IPCO B.V. at any time: 24 hours a day, 7 days a week. During office hours we will help you directly. In all other cases our answering machine will give you a cell phone number.

TRAINING

IPCO provides training courses of excellent quality. If you finish the course with success, you will receive a certificate and a stamp in your safety passport. Every year there will be a refresher course. For further details, please contact IPCO B.V..