



NITROGEN PURGE KIT

For Refillable Cylinders

This purge kit provides an engineered solution for purging easily and effectively using refillable cylinders. The kit comprises means to regulate flow to litres per minute, purge tools to allow for a quick and easy positive seal for many different pipe dimensions and a dedicated 3 metre hose. The kit allows you to purge at a precise flow rate and create a positive seal, which reduces the amount of gas used and limits any ingress of air during the repair.

FEATURES

- Cylinder contents gauge on regulator.
- Flowmeter
- 3 m Inert gas hose.
- Purge tool for 5 - 20 mm (1/4" - 3/4") pipe.
- Purge tool for 20 - 29 mm (3/4" - 1 1/8") pipe.
- Anodised aluminum construction.
- Knurled hand grips for positive seal.
- Set pressure nitrogen regulator.
- Gauge protector.
- Accurate flow readings.

SPECIFICATIONS

RC1NIPK

Regulator	
Maximum inlet pressure	20,000 kPa
Outlet pressure	300 kPa preset
Inlet connection	Type 50
Outlet connection	5/8-18 UNF RH Male
Flowmeter	
Max. inlet pressure	800 kPa
Outlet flow range	0 - 25 L/min
Inlet connection	5/8-18 UNF RH FM
Outlet connection	5/8-18 UNF RH M
Hose	
Maximum inlet pressure	1,200 kPa
Inlet connection	5/8-18 UNF RH Female
Outlet connection	1/4" SAE flare Female
Purge tools	
Inlet connection	1/4" SAE flare Female

PART NO. DESCRIPTION

GEPT1	Purge tool for 5 - 20 mm (1/4" - 3/4") pipe
GEPT2	Purge tool for 20 - 29 mm (3/4" - 1 1/8") pipe
RC1SNISP	Set pressure nitrogen regulator
RCFL25	Flowmeter 0 - 25 L/min
GWSWIG3F	3 Meter inert hose



i Designed not to connect to high pressure regulators

Nitrogen Purge & Braze Device For Use on Single Cylinder N₂ Systems

When installing or repairing refrigeration/air conditioning piping, the internal area of the pipe should be purged with nitrogen to prevent oxidation around the internal joint, before and during the brazing process. The PBT1 is an engineered solution to do this easily and effectively.

Turning the knob allows you to PURGE at a pre-set regulated flow rate and then click the control knob to engage the BRAZE setting for a pre-set flow suited for the brazing operation. The device reduces the amount of gas used and limits any ingress of air during the repair or installation.

The device connects to the outlet of a standard nitrogen regulator (5/8"-18 UNF RH) and has a 1/4 SAE flare connection on the outlet for standard HVAC hoses.

SPECIFICATIONS

PBT1

Materials of construction Body Inlet, outlet and internals	Aluminum Brass
Gas service	N ₂
Performance Maximum working pressure Outlet	350 kPa Purge 14 Lpm, Braze 3.5 Lpm
Inlet	5/8-18" UNF Female (3/8 SAE flare)
Outlet	1/4 SAE Flare
Operating temperature	-20°C to +50°C
Weight	0.110kg
Dimensions	(W) 38 x (L) 80 x (D) 30 mm
Markings	Tesuco Maximum working pressure Flow direction
Warranty	1 Year (manufacturer's defect)
Country of origin	Taiwan

FLOW ADJUSTMENT KNOB

Turning the knob allows you to purge at a pre-set regulated flow rate and then click the control knob to engage the braze setting for a pre-set flow suited for the brazing operation.

