

# IO620-IDT621-NEW / IO620-IDT621-IS

## Instrument Dirt Trap

### Instruction Manual

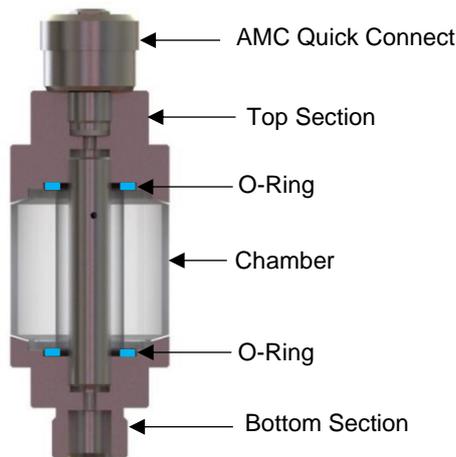


Figure 1 - IO620-IDT621-NEW (Sectional view)

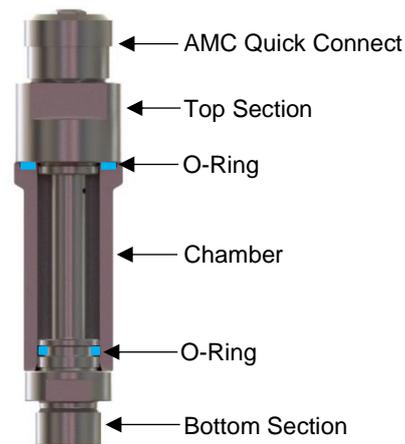


Figure 2 - IO620-IDT621-IS (Sectional View)

### INTRODUCTION

This manual provides safety and operating instructions for the IO620-IDT621-NEW/ IO620-IDT621-IS Integrated Dirt Trap that must be followed to ensure safe operation and to keep the equipment in a safe condition. This is designed to be used with Druck pneumatic products such as PV621, DPI611, DPI612 and DPI610E.

### SAFETY



#### Warning

**Make sure all connections are correct and intact before applying pressure.**

**Make sure that equipment is to the correct pressure rating.**

**Observe the relevant health and safety precautions.**

**Use only in the vertical position.**

**Do not attach to an external pressure source**

The manufacturer has designed this equipment to be safe when operated using the procedures detailed in this manual. The user must not use this equipment for any other purpose than that stated.

Do not use the equipment if it appears to be damaged (e.g. cracked). Contact Druck for further assistance.

Use suitably qualified technicians and good engineering practice for all procedures mentioned in this sheet.

#### Pressure

Do not apply pressure greater than the maximum safe working pressure, which is 35 bar / 3.5MPa / 508psi.

#### Pressure connections:

Bottom section of the IDT should connect to test port provided in PV621/PV621-IS, DPI612, DPI611, DPI610E-PC/SPC pressure base units.

Top section of the IDT should connect to AMC quick-connect (for use with all AMC adaptor sets)

#### Media Compatibility:

Media compatible with 316L and 303 stainless steels, Acrylic, Nitrile seals, PTFE. Examples included demineralised water and mineral oil.

#### Usage instructions:

1. Fit the dirt trap to the test station of the PV621/PV621-IS, DPI612, DPI611, DPI610E-PC/SPC pressure base units.
2. If moisture or dust/dirt particles are present within the chamber during the operation, then follow the below instructions to dismantle and clean the dirt trap.

#### Cleaning instructions:

1. Make sure the pressure is fully released from the instrument. Then remove the dirt trap.
2. Unscrew the top section to release the chamber.

**Note:** The chamber of IO620-IDT621-NEW is made up of transparent PMMA and chamber of IO620-IDT621-IS is made of stainless steel.

3. Clean the components - do not use solvents as this could damage the PMMA chamber & seals.
4. Wipe & clean the chamber with a soft cloth or tissue paper.
5. Re-assemble top section ensuring that all seals are in the correct locations to hand tight (approximately 1Nm torque).

#### Technical Advice

For technical advice, contact the manufacturer or subsidiary as overleaf.