



Hexatronic Regulator Caddy

User Manual

Content

1. Introduction

- 1.1 Purpose of the manual**
- 1.2 Intended use**
- 1.3 Safety precautions**

2. Equipment overview

3. Operating instructions

Prepared for field and workshop use, this manual provides step-by-step guidance, safety precautions, and technical details for the operation of Regulator Caddy.

1. Introduction

This section outlines the purpose, intended use, and safety precautions for the Regulator Caddy.

1.1 Purpose of the manual

The purpose of this manual is to provide clear, step-by-step operating instructions, maintenance guidelines, and troubleshooting assistance for the Regulator Caddy.

1.2 Intended use

It is crucial that the Regulator Caddy is used between the compressor and the Tester to provide an inline air filter. The purpose of the Caddy is to remove contaminants prior to their entry into the test kit, in addition to allowing control of the inbound pressure via the regulator valve and an indication of air flow via the flow meter.

NB: Failure to correctly filter the air is likely to lead to failure of internal components of the tester and will cause the tester to cease functioning.

1.3 Safety precautions

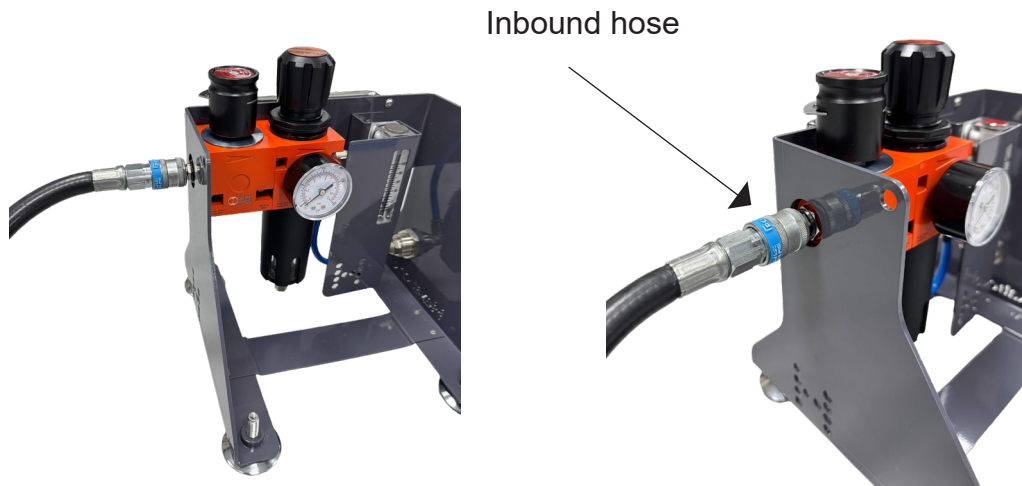
- Depressurize before disconnecting components.
- Wear appropriate PPE, including safety glasses and hearing protection.
- **Do NOT exceed 10 BAR pressure when using compressor. Exceeding this limit may cause damage or injury.**

2. Equipment overview

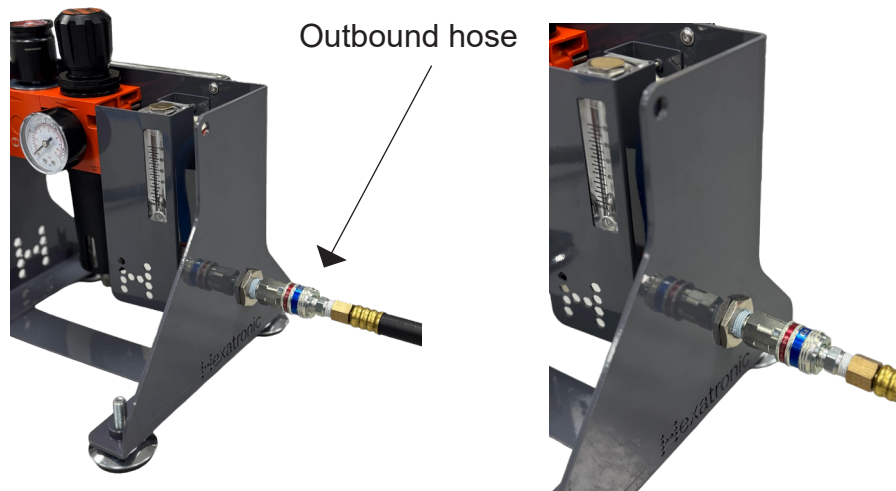
Engineered for reliability and performance in demanding field environments, this robust air management unit is purpose-built to supply clean, regulated air to Hexatronic Micro duct Integrity Testers. It ensures a stable and controlled air source through its integrated air filter and precision pressure regulator, safeguarding both equipment accuracy and operational efficiency.

Clear, easy-to-read pressure and flow gauges allow operators to monitor performance, while the built-in emergency stop function enables rapid depressurization for enhanced safety. Designed with rugged construction to withstand field conditions, the unit delivers dependable performance wherever testing is required. Fully compatible with Hexatronic Micro duct Integrity Testers, it is the ideal addition for efficient and professional micro duct integrity testing.

3. Operating instructions



- Connect the compressor to the inbound port of the Caddy using a CEJN 320 hose.



- Connect the Caddy outbound port to the Tester using the supplied CEJN 315 hose.



NB: Use the safety coupler to avoid hazardous hose whip by automatically venting downstream air pressure before disconnecting.



NB: Ensure On/Off switch is switched off before starting.

- Start by fully turning the regulator knob counter-clockwise.
- Then push the On/Off switch to turn it on to supply air to the tester.

- To increase the pressure, slowly rotate the regulator knob clockwise. The corresponding pressure increase will be indicated on the pressure gauge. Once the desired pressure is reached, press the regulator knob downward to lock it securely in position.



When air is flowing freely through system, air flow rate will be shown on the flow meter.



- To depressurize, wind regulator knob anti clockwise until pressure gauge shows zero.

- Push the On/Off switch to off position to fully vent the air. Once completed the hose can be disconnected from outbound port.

NB: Do not disconnect inbound port until you have vented down the compressor and all air is removed from inbound hose.



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