ChargeIT Helium Charging System

A multifunctional system with a user friendly touch screen interface that allows for easy selection and configuration of the various functions:

- Proof Test
- Pressure Decay
- Evacuation
- Vacuum Decay
- Helium Charging and Mixing
- Helium Recovery Management
- Cleaning and Back Fill

Standard Features

- Touch screen for easy viewing and configuration
- Selectable universal pressure units
- Universal input power transformer: 100-240 VAC, 50-60 Hz
- Selectable operating language: Chinese, English, German, Korean, Spanish and Swedish
- Password protected parameter settings and function sequence
- Automatic pressure regulators for charging up to 16 bar (230 PSI)
- Quick connector valve port
- Controlled charging to assure the proper charging of a part with small capillaries
- Incremental pressure test to check a leaking test part
- Displays the actual helium mixture in the test part
- "Reference leak" to verify that the leak detector sniffer probe is functional
- Connection kit for a vacuum pump with a NW25 connection
- Unique assembly design that minimizes the chance of internal leaks and allows for easy and quick maintenance

Optional Features

- Manual pressure regulators for charging up to 35 bar (500 PSI)
- Remote operator control
- Venturi pump with connection kit

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ISO 9001 Certified

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Specifications

Proof test pressure	Adjustable to max. 16 Bar/235 PSI (Abs)
Pressure decay	Pressure resolution: 1 mbar
Evacuation	Adjustable, vacuum level dependent on the type pump used
Vacuum Decay	Pressure resolution: 1 mbar
Helium charging conditions	Adjustable to max. 16 Bar/235 PSI (Abs)
Automatic helium mixing	Selectable 1% to 99 % helium concentration (depending on volume, pre-evacuation level and charging pressure)
Display panel	High-clarity color touch screen (6" x 4")
Compressed air requirements	6 Bar/87 PSI (min.)
Air, Nitrogen & Helium connections	¼" NPT
Communication interface	RS232 and ethernet
Weight	13 kg/28.8 lbs
Certified for	CE, EMC and FCC
Power	100-240VAC, 50/60 Hz, 1.2 Amps

Dimensions

	mm	in
X	350	13.78
Y	205	8.07
Z	270	10.63

Subject to change at any time.

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