REFRIGERANT CHARGING UNIT

HIGH ACCURACY | HIGH FILLING SPEED



HIGH-PRECISION GAS METERING DEVICE

Equipped with a large colour touch screen, it can be connected to our service centre for remote assistance. It is available for both standard and flammable gases with ATEX certification and in three different configurations. The metering device is the double effect piston P50D, which guarantees high accuracy for small charges, while the turbine or mass metering device is optionally available for high filling speeds.

FILLER HEADS



Three possible filling heads are available, each with start button with LED, vacuum & gas valve; V2BO-LB is the basic solution, while optional V2BO-BS with pneumatic Q.C. and pin drive or V3BO-BS with recovery valve that allow the recovery of the dead space in order to achieve zero release into the atmosphere at shut-off.

DATA	UNITS	VALUE
(P50D) For charge up to 100g	g	±0.25
For charge over 100g	%	±0.25
(Turbine/Corioli) for charge up to 500g	g	±5
For charge over 500g	%	±1
Filler heads	type	V2BO-LB (V2BO-BS or V3BO-BS on request)
Filler Quick Coupler	type	HK2 (HK3, PCU on request)
Charging Speed (P50D/Turbine/Corioli)	g/sec	40/100/100
Vacuum pump displacement	m3/h	10 (up to 21 on request)
Vacuum limit	mbar	1 x 10-4
Refrigerants type		HC, CFC, HCFC, HFC, HFO
Dimensions	cm	885x884x1323cm (LxWxH)

Edition 09/2024 - Specifications are subject to modifications. © Copyright 2024 Copyright Marposs - All rights reserved.

Without prior written consent, this document and its content cannot be used, totally or partially, for purposes different from those expressly allowed. MARPOSS, @ and other names/signs of the Marposs Group shown therein are registered trademarks or trademarks of Marposs S, p.A. or other companies of the Group in the U.S.A. and other Countries. Some models of the product line, or parts of them, may be subject to export restrictions if exported outside the European Union or may be subject to restrictive measures adopted by the competent national, supranational or international authorities.