DIGITAL MANIFOLD GAUGE REFRIGERANT RECOVERY DEVICE FOR HVAC

PCE-RRU 10



- **Refrigerant classes A1, A2L, and A2**
- **Pressure up to 38.5 bar with overpressure protection**
- **Oil-free 2-piston compressor**
- **Brushless 1 HP motor**
- **Extraction rate of up to 9.5 kg/min (R410A)**
- **Easy operation with a rotary control**
- **Large LCD display with backlight**
- **Automatic cleaning function**
- **Portable**

The digital manifold gauge for refrigerants is ideal for all refrigeration system builders and technicians for refrigerant extraction. It can be used for refrigerants of classes A1, A2L, and A2. The compact digital manifold gauge for refrigerants is easily transportable with a handle and simple to operate. The extraction speed can be adjusted using the rotary control. Additionally, the extraction device features a "Purge Function" that cleans the system, emptying any residual refrigerant in the device. The powerful oil-free 2-piston compressor can generate pressures of up to 38.5 bar and achieve extraction rates of up to 9.5 kg/min, depending on the refrigerant.
The digital manifold gauge for refrigerants includes an intake and an exhaust pressure gauge, allowing for real-time pressure monitoring. Furthermore, the recovery automatically shuts off when the internal pressure exceeds 38.5 bar to ensure safe operation. The digital manifold gauge for refrigerants comes with a refrigerant filter, a short filter connection hose, an OFP cable, and a carrying strap.
The digital manifold gauge for refrigerants is required during the commissioning or maintenance of heat pumps, air conditioning systems, or similar systems filled with refrigerant. Regular inspection and maintenance extend the lifespan of the systems and enhance energy efficiency.

Specification

Pressure	
Measuring range	0 ... 38,5 bar
Resolution	0,1 bar
Suction rate liquid	
R134a	2,6 kg/min
R22	2,9 kg/min
R410A	3,9 kg/min
Suction rate push/pull	
R134a	7,5 kg/min
R22	8,5 kg/min
R410A	9,5 kg/min

General technical data	
Units	bar, MPa, kPa, psi, kgf
Connections	1/4 inch SAE
Display type	LCD with backlight
Refrigerant	R401C, R22, R401B, R134a, R407D, R509, R407B, R410A, R507, R407C, R408A, R12, R32, R409A, R402A, R500, R404A, R402B, R401A, R406A, R1234YF, R502, R407A
Motor power	1 PS
Max. current consumption	6 A
Compressor	Oil-free, Air-cooled
Menu language	English
Protection class (device)	IP20
Power supply	110 ... 240V AC | 50/60 Hz
Connector type	Schuko plug
Operating conditions	0 ... 40 °C , 10 ... 90 % RH
Storage conditions	0 ... 40 °C , 10 ... 90 % RH
Dimensions (L x W x H)	380 x 250 x 300 mm
Weight	10750 g