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DIGI-MANIFOLD SET (4-WAY)

Product group: **606** Product number: **711480**

A Smart, Precise, And More Sustainable Digital Refrigeration Measuring Tool to help ship crew to carry out recovery or charging processes, system optimisation and troubleshooting.



Product information

The digi-manifold set (4-way) consists of: • Sturdy plastic case 530mm (H) x 360mm (W) x 100mm (D) • Main Unit with display • 2 x external temperature sensors (K-type) • 5-piece hose set with CA valves • Special vacuum hose 3/8"

Features

- Support 89 different refrigerants
- Superheat and subcool indicator
- Patented analogue display with pointers
- Large 4.3" TFT colour display
- High precision due to accuracy class 0.5
- Flexible power source (AA batteries or USB)
- Wireless communication with App and other devices.
- Lockable for long-term measurements
- Valve core depressor connections where applicable

Benefits

Cost-Saving and Lower Long-term Investment Only one tool is required to support all common refrigerants used in maritime applications (including the new HFO/HFC blends like R-448A, R-449A and R-452A). Refrigerant and software updates can be carried out free of charge via REFRESH or computer in future.

Easy Access to Data Wireless communication with the REFRESH App. Long-term logging data and maintenance activities are automatically stored in the device and documented in the REFRESH app. Available for download on the App Store and Google Play Store.

Time-Saving Pressures and temperatures can be shown in your preferred unit of measure. Superheat and Subcool temperatures will be calculated automatically.

Performance Improvement With its high precision sensors, the 4.3" TFT colour screen able to shows measured values accurately. It enables the system to run at its optimum level with correct settings.

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
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Dimensions/Weight

Connection [Size/ Type]	
Weight [kg]	4.75

Technical data

Battery Type	4 x AA or USB Micro-B
Display resolution [pixel/inch]	0.001 bar, 0.5 psi, 1 kPa, 0.0001 MPa, 0.01 kg/cm ²
Ingress protection	IP42
Pressure [bar]	-0.95 to +60
Refrigerant Type	R11 R12 R13 R13B1 R14 R22 R23 R32 R41 R113 R114 R123 R124 R125 R134a R142b R152A R161 R170 R227ea R236ea R236fa R245fa R290 R401A R401B R401C R402A R402B R403B R404A R406A R407A R407B R407C R407D R407F R407H R408A R409A R410A R411A R412A R413A R414B R416A R417A R420A R421A R422A R422B R422C R422D R424A R426A R427A R434A R437A R438A R442A R444A R445A R448A R449A R450A R452A R452B R453A R454A R454B R454C R455A R470A R470B R500 R502 R503 R507 R507A R508A R508B R513A R600 R600a R744 R1234yf R1233zd R1234ze R1270
Temperature [°C]	-20 to +50

Performance data

Accuracy	0.5 (+/-0.5%)
Working Pressure	

Documents

[SDoC and MD for IHM](#)

Related products

Is accessory to

- 905770**
UNICOOL R-513A 50KG REFRIGERANT
- 905771**
UNICOOL R-513A 11KG REFRIGERANT
- 905761**
UNICOOL R-407H 10KG REFRIGERANT
- 905760**
UNICOOL R-407H 45KG REFRIGERANT
- 905740**
UNICOOL R-448A 45KG REFRIGERANT
- 905744**
UNICOOL R-449A 10KG REFRIGERANT
- 905736**
UNICOOL R-448A 10KG REFRIGERANT
- 905748**
UNICOOL R-449A 45KG REFRIGERANT
- 905732**
UNICOOL R-452A 45KG REFRIGERANT
- 905728**
UNICOOL R-452A 10KG REFRIGERANT
- 652522**
REFRIGERANT RECOVERY PACKAGE F/220V
- 652511**
REFRIGERANT RECOVERY PACKAGE F/110V

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