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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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### 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 <sup>2</sup>
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

### Dimensions/Weight

Connection [Size/ Type]	
Weight [kg]	4.75

### 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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