

TECHNICAL DATA SHEET

Wöhler MR 400 Fitter's aid



Intended uses

The Wöhler MR 400 is a digital fitter's aid for maintenance work on refrigeration systems and heat pumps. The device precisely displays the high and low pressure as well as the condensation and evaporation temperature of numerous refrigerants in real time. Two temperature sensors simultaneously and accurately determine superheating and subcooling.

Applications and functionality

- Maintenance work on refrigeration systems and heat pumps
- Determination of operating conditions of refrigerants in refrigerant circuits
- Indication of high and low pressure
- Measurement of superheat and subcooling
- Vacuum measurements

Scope of delivery

- Wöhler MR 400 Fitter's aid
- 3 AA batteries 1.5 V
- 2 temperature clamps
- Refrigerant hoses, each with 1/4" SAE thread, closable with ball valve
- Transport case

Technical data

Pressure	Selectable units	kPa, MPa, bar, Psi, kg/cm ² Default setting: bar
	Measuring range	-1...55 bar
	Accuracy	± 0.5 % of the full scale value
	Resolution	0,03 bar
Temperature	selectable units	°C, °F
	Measuring range	-40...150 °C
	Accuracy	±0,5 °C
	Resolution	0,1 °C
Refrigerant	88 refrigerants selectable in the unit R113 R114 R115 R116 R12 R123 R1233ZD R1234ZE R1234YF R124 R125 R13 R134A R14 R141b R142b R143A R152A R170 R22 R23 R236FA R245FA R290 R32 R401A R401b R401C R402A R402b R403b R404A R406A R407A R407b R407C R407d R407F R408A R409A R410A R410b R412A R413A R414A R414b R416A R417A R417C R420A R421A R421b R422A R422b R422C R422d R424A R426A R427A R428A R429A R434A R437A R438A R441A R443A R448A R449A R450A R452A R452b R453A R454A R454b R455A R458A R500 R502 R503 R507A R508A R508b R514A R600 R600A R601A R718 R744	
Connections	Pressure	Schrader 1/4" SAE
	Temperature	6-pole temperature plug
Power supply	Battery	3 AA batteries 1.5 V
	Battery life	approx. 200 h without backlight
Housing	Dimensions	8 x 113 x 68 mm
	Weight	approx. 1 kg
Environmental conditions	Operating temperature	-10...50 °C
	Storage temperature	-20...60 °C