



BlueLine®

# EUROFOLD®

Manifold



## Universal compatibility

Suitable for all common refrigerants, including A3 and A2L.

## Optimal readability

Outdoor-ready TFT color display, easy to read even in bright conditions.

## Guided operation

Integrated step-by-step instructions.

## Precision sensing

Featuring an integrated robust vacuum sensor for reliable measurements.

## Efficient workflow

4-way manifold for effortless operation with minimal reconnection.



EuroSoft® connect



## Setting new standards in technology

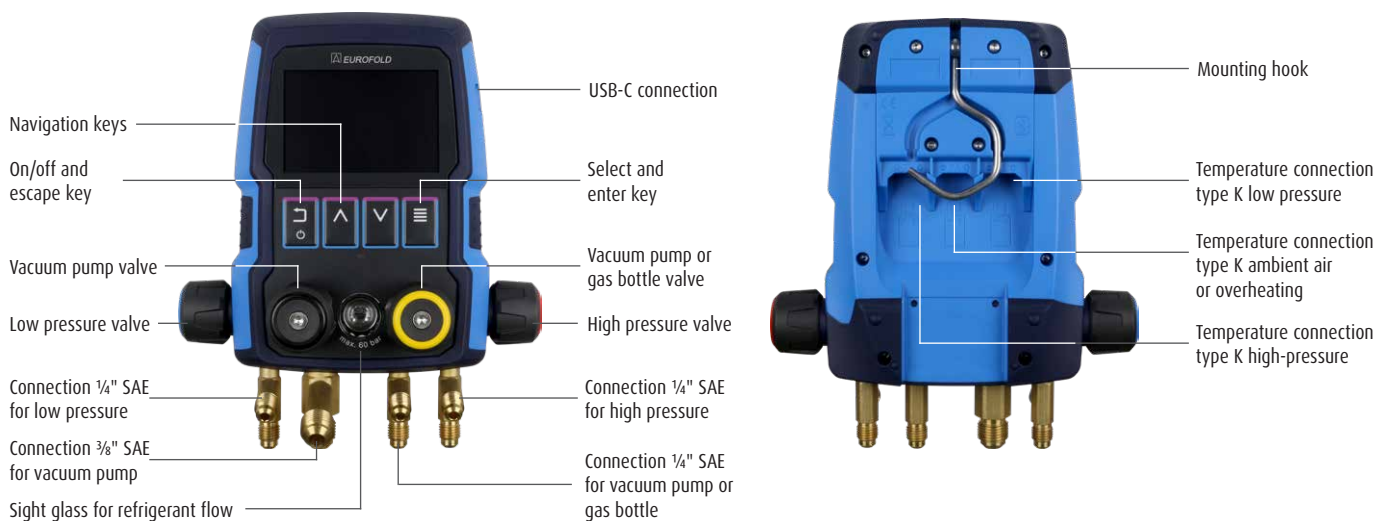
The manifold EUROFOLD® M4 from the BlueLine® series supports professional technicians in carrying out measurements on refrigeration circuits efficiently and safely. It is the ideal solution for commissioning, testing, and maintenance of heat pumps and refrigeration systems. All relevant pressure and temperature values are clearly displayed, enabling fast and precise analysis.

The robust service instrument features four threaded connections with integrated valves, allowing for easy connection to the system, vacuum pump, and gas cylinder. In addition, three temperature ports (type K) ensure that even complex refrigeration systems can be measured and analyzed accurately.

A unique integrated barometer further improves measurement precision, allowing reliable readings regardless of ambient conditions - an exclusive feature of the manifold EUROFOLD® M4.



## Everything in sight



### Technical specifications

Refrigerants	R11, R14, R12, R22, R23, R32, R41, R114, R123, R1234yf, R124, R125, R134a, R142B, R152a, R161, R236fa, R245fa, R290, R404A, R407C, R407F, R410A, R600A, R744
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#### Pressure measurement

Measuring range	-1 to 60 bar
Accuracy	±0.5 % FS
Resolution	0.01 bar
Max. pressure	60 bar

#### Vacuum measurement

Measuring range	0 to 26 mbar
Accuracy	± 10% RDG + 0.01 mbar
Resolution	0.01 bar
Max. pressure	60 bar

#### Temperature measurement

Measuring range	-20 to 200 °C
Accuracy	±1 °C + 1 digit
Resolution	0.1 °C

### General specifications

Dimensions H x W x D	210 x 177 x 77
Weight	1.2 kg
Material housing	2K ABS + PC / TPE
Display type	high-resolution 3.5" outdoor display
Air pressure range	750 to 1,100 hPa
Humidity range	20 to 80 % rh
Operating temperature	-10 to 40 °C
Storage temperature	-20 to 50 °C
Data interface	Bluetooth® QR code generator
Connections	3x 1/4" SAE 1x 3/8" SAE 3x thermocouple socket
Power supply	via USB-C cable and adapter
Battery type	lithium-ion battery 3.6 V / 4,800 mAh
Operating time	32 hours
Ingress protection rating	IP54 (EN 60529)

## Step-by-step user guide

The manifold EUROFOLD® M4 guides users step by step through measurements in the refrigeration circuit using predefined measurement programs. It clearly indicates the required measurement points, ensures correct procedures, and supports reliable evaluation of results.

All relevant values – including pressure and temperature – are systematically recorded and documented. This ensures that no critical testing steps are missed and that commissioning and inspections are carried out efficiently and safely.

The measured values can be transmitted seamlessly via Bluetooth® to the EuroSoft® connect app, where they are automatically compiled into a clear, professional PDF report – ideal for immediate sharing with system operators.



## Smart connectivity and easy data management

The free EuroSoft® connect app makes it effortless to transfer measurement data to smartphones, tablets, or PCs via Bluetooth® or QR code. All BlueLine® instruments integrate seamlessly with the app, enabling convenient documentation, visualization of live readings, and long-term monitoring.

With the optional data logger function, measurements can be tracked and analyzed over time – perfect for system optimization and reporting. Results can be shared instantly via cloud services, email, or management software, and the app is fully compatible with iOS, Android, and Windows platforms.




















EuroSoft® connect app



Download App

### Accessories

	Article	Description	Part no.
	EUROFOLD® M4 set	Scope of delivery: <ul style="list-style-type: none"> <li>■ EUROFOLD® M4 manifold</li> <li>■ Charging hose set</li> <li>■ 2x Shut-off valve</li> <li>■ Vacuum hose</li> <li>■ 2x Clamp thermocouples CP 100</li> <li>■ Ambient air sensor</li> <li>■ Power supply and USB-C charging cable</li> <li>■ Case</li> </ul>	P00252
	Charging hose set	3x 1/4" SAE, length: 1.5 m	525463
	Vacuum hose	3/8" SAE, length: 1.5 m	525467

Accessories			
	Article	Description	Part no.
	Shut-off valve	1/4" - 5/16" SAE, red	525468
	Shut-off valve	1/4" - 1/4" SAE, blue	525544
	Charging hose adapter	5/16" - 1/4" SAE	525470
	Ambient air sensor	For ambient temperature measurement	521844
	Clamp probe CP 100	Pipe diameters up to 45 mm, temperature range from -40 to 200 °C	525248
	Power supply adapter	For all BlueLine® instruments	523493
	Charging and data cable USB-C	USB to USB-C, length: 1 m	524697
	Display protection foil	For EUROFOLD® M4, including application instructions	511394
	L-Boxx case	System case with foam inlet and document compartment for EUROFOLD® M4	511387
	ISO calibration	Pressure and temperature	524210.03
	Refrigerant scale SC 100	With a high-precision weighing sensor from 0 to 100 kg, LED indication, battery-powered	525551
	CAPBs® module	Universal base handle for all CAPBs® sensor units	M091000017
	CAPBs® device basic set	Modular display handle for all CAPBs® sensor units and CAPBs® interface	P00052
	CAPBs® sens GS15	For flammable refrigerant R290 (propane)	M090321410
	CAPBs® sens GS40	For halogenated refrigerants	M090331410

## Inspection of the refrigeration circuit

During commissioning and servicing of refrigeration systems, several key factors must be ensured. First, the tightness of all connections and components must be verified to prevent refrigerant losses. Our leak detection sniffers enable fast, precise, and reliable detection – even of the smallest leaks. The correct refrigerant charge is critical for efficient operation, system safety, and long-term performance. High-precision refrigerant scales ensure accurate charging as well as controlled refrigerant recovery.

Only the combination of effective leak detection and exact charge measurement ensures optimal system performance, improved energy efficiency, and long-lasting reliability.



### Refrigerant scale SC 100

The SC 100 electronic refrigerant scale ensures precise and reliable weighing during charging and recovery of refrigerants.

- High-precision weighing sensor for accurate measurements
- Durable aluminum housing, resistant to deformation even during long-term use
- Rubber corner protection and anti-slip feet for stable and protected operation



### CAPBs® sens GS15 & GS40

The sensor units CAPBs® sens GS provides fast and highly sensitive gas detection for a wide range of refrigerants and gases in refrigeration and air-conditioning systems.

- Reliable leak detection of flammable refrigerants (CAPBs® sens GS15) and halogenated refrigerants (CAPBs® sens GS40)
- Suitable for use in gas lines, connections, and fittings
- High sensitivity for fast detection of even small leaks
- Adjustable alarm thresholds for flexible use in different applications





# SYSTRONIK

Messtechnologie

Member of AFRISO-EURO-INDEX group

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