

FOX - DIGITAL MANIFOLD



FOX

DIAGNOSIS



Diagnosis of the system. Measurement of the pressure and temperature parameters, with indication of the vacuum level reached.

N2 TEST



Test with nitrogen (N₂), with simultaneous evaluation of the pressure variation on the HIGH and LOW side.

Vacuum measurement thanks to the INTEGRATED electronic vacuum gauge.
Possibility to display all the possible units of measurement for the vacuum (mTorr, micron, Pa, etc...)

VACUUM MEASUREMENT



Recording on integrated memory of all measured data from internal probes and connected wireless devices.

INTEGRATED MEMORY



Quantification and registration of the charged and/or recovered refrigerant with wireless SCALE-ONE.

REFRIGERANT QUANTIFICATION



Analysis and registration of the electrical parameters of the system with wireless clamp meter CLAMP-ONE.

ANALYSIS OF ELECTRICAL PARAMETERS



APP for diagnosis, reports and new refrigerants.

MANAGEMENT APP



FOX-ONE

DIAGNOSIS



N2 TEST



VACUUM MEASUREMENT



INTEGRATED MEMORY



REFRIGERANT QUANTIFICATION



ANALYSIS OF ELECTRICAL PARAMETERS



MANAGEMENT APP



ALL IN FOX-ONE

Pressures, temperature, vacuum, electrical current and refrigerant charge... all in Fox-One.

FOX-ONE manages all the informations of its built-in probes (...Vacuum meter included!) and of the connected wireless instruments, clamp and scale included.

With the **Wigam APP** it is possible to analyze, customize and share reports and records, as well as **manage new refrigerants**. And if your mobile is out of batteries, no problem...it is all in FoxOne (**Integrated memory!**)

EXCLUSIVE INNOVATION



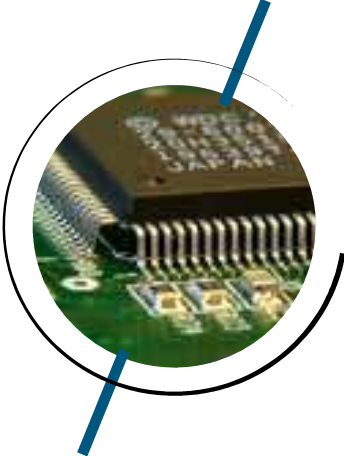
Wireless connected Dial



High Accuracy built-in electronic vacuum gauge



Wireless connected clamp meter



Integrated memory



FOX-ONE APP
APP of control, diagnosis and report

FOX-ONE - DIGITAL MANIFOLD



FOX-ONE

4 ways digital manifold

- 4-way piston manifold with 3 x 1/4" SAE connections (LOW-HIGH-REF) and 1 x 3/8" SAE connection (VAC).
- Database with more than 50 refrigerants.
- Possibility to manage new refrigerants simply through Wigam FOXApp.
- 1 ambient temperature probe.
- Integrated data logger.
- High precision built-in electronic vacuum gauge (0-600 Pa).
- 2 temperature probes Type K (Range -99.9 - 200°C), 3 m cable.
- 2 pressure transducers (Range -0.99 - +49.90 bar).
- Max operating pressure 56 bar.
- Class of precision better than 1% FS.
- "ZERO PLUS" recalibration function.
- Temperature range: -99.9 - 400 °C.
- Digital display (with back-lighting).
- Extractable hook to help fixing the manifold in every condition.
- Soft-Touch covering.
- Test with nitrogen (N2), with simultaneous evaluation of the pressure.
- Wireless scale, capacity 0-100 kg, resolution 5g (only SC version).
- Wireless Clamp Meter (only SC version).
- 230V-50/60HZ feeder included



Calibration

Code	Model
09053049	Calibration report ref. Accredia for Fox-One
09053050	Calibration report ref. Accredia for Fox-One/SC



Readings displayed

- Low pressure side (LOW)
- High pressure side (HIGH)
- Vacuum measure (milliTorr, micron, Pa,...)
- Temperature T1
- Temperature T2
- Ambient temperature
- Refrigerant saturation temperature (LOW)
- Refrigerant saturation temperature (HIGH)
- Calculating the temperature difference T2 -T1
- Subcooling
- Superheating
- Refrigerants type



Spare parts and accessories

Ref	Code	Model	Description	Dimensions	Weight
A	09013027	SCALE-ONE	Wireless scale 100 kg	290 x 290 x 80 mm	3,5 kg
B	09006008	CLAMP-ONE	Wireless clamp meter	260 x 130 x 160 mm	0,6 kg
C	14029048	VP/B8	Suitcase for Fox	360 x 320 x 120 mm	0,75 kg

See the CLAMP-ONE features on page 143.





FOX-ONE-100

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.

NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
04080009001	FOX-ONE-100	310 x 370 x 130 mm	2,10 kg



FOX-ONE-300

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.
- 2 flexible hoses 1500 mm with intermediate valve - blue and red.
- 1 flexible hose 1500 mm with final valve - yellow.
- 1 flexible hose for vacuum IPERVAC 900 mm 3/8" SAE.
- 2 swivel adapter RG180/5-4 - 5/16" SAE F x 1/4" SAE M.

NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
04080009003	FOX-ONE-300	310 x 370 x 130 mm	3,3 kg



FOX-ONE-100/SC

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109
- 1 wireless electronic scale 100 kg.
- 1 wireless clamp meter.

NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
0408010001	FOX-ONE-100/SC	480 x 400 x 130 mm	6,6 kg



FOX-ONE-300/SC

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.
- 1 wireless electronic scale 100 kg.
- 1 wireless clamp meter.
- 2 flexible hoses 1500 mm with intermediate valve - blue and red.
- 1 flexible hose 1500 mm with final valve - yellow.
- 1 flexible hose for vacuum IPERVAC 900 mm 3/8" SAE.
- 2 swivel adapter RG180/5-4 - 5/16" F x 1/4" SAE M.

NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
0408010003	FOX-ONE-300/SC	480 x 400 x 130 mm	7,8 kg



FOX - DIGITAL MANIFOLD

FOX



FOX

4 ways digital manifold

The FOX range is renewed with a new control logic that optimises its ease of use. The quality and sturdiness guaranteed by the Made in Italy is combined with the possibility of simply recalibrating the pressure transducers using the convenient "ZERO PLUS" function.

- 4-way piston manifold with 3 x 1/4" SAE connections (LOW-HIGH-REF) and 1 x 3/8" SAE connection (VAC).
- Database with more than 50 refrigerants (CFC, HCFC, HFC, Hydrocarbons and HFO).
- 1 ambient temperature probe.
- 2 temperature probes Type K (Range -99.9 ÷ 200°C), 3 m cable.
- 2 pressure transducers (Range -0.99 ÷ +49.90 bar).
- Max operating pressure 56 bar.
- Class of precision better than 1% FS.
- "ZERO PLUS" recalibration function.
- Temperature range: -99.9 ÷ 400 °C.
- Digital display (with back-lighting).
- Extractable hook to help fixing the manifold in every condition.
- Soft-Touch covering.



Calibration

Code	Model
09053049	Calibration report ref. Accredia for Fox
09053050	Calibration report ref. Accredia for Fox-One/SC



Reading displayed

- Low pressure side (LOW)
- High pressure side (HIGH)
- Temperature T1
- Temperature T2
- Ambient temperature
- Refrigerant saturation temperature (LOW)
- Refrigerant saturation temperature (HIGH)
- Calculating the temperature difference T2 -T1
- Subcooling
- Superheating
- Refrigerants type



FOX and FOX-ONE refrigerant list

R134a	R502	R245fa	R434A	R453A
R407C	R1234ze	R417A	R437A	R454B
R410A	R1234yf	R422A	R438A	R454C
R404A	R407A	R422B	R442A	R455A
R507	R407D	R422D	R448A	R466A
R152a	R407F	R424A	R449A	R508A
R290 (Propano)	R407H	R426A	R450A	R513A
R600a (isobutano)	R32	R427A	R452A	R1270
R22	R236fa	R428A	R452B	

The programmed refrigerants can undergo changes based on the new market requirements.

FOX
FOX-100

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.

 NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
04080001001	FOX-100	310 x 370 x 130 mm	2,00 kg


FOX
FOX-300

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.
- 2 flexible hoses 1500 mm with intermediate valve - blue and red.
- 1 flexible hose 1500 mm with final valve.
- 1 flexible hose for vacuum IPERVAC 900 mm 3/8" SAE.
- 2 swivel adapter RG180/5-4 - 5/16" F x 1/4" SAE M.

 NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
04080001003	FOX-300	310 x 370 x 130 mm	3,00 kg


FOX
FOX-400

Digital manifold in suitcase.

Equipped with:

- 2 probes TK109.
- 1 flexible hose 1500 mm with final yellow valve.
- 2 flexible hoses 1500 mm - blue and red.
- 1 flexible hose for vacuum IPERVAC 900 mm 3/8" SAE.
- 1 adapter RG180/5-4 5/16" SAE F x 1/4" SAE M
- 2 LOCK VALVE 1/4" SAE F x 1/4" SAE M.
- 2 LOCK VALVE 5/16" SAE F x 1/4" SAE M.

 NEW CONNECTION
"VAC" 3/8" SAE

Code	Model	Dimensions	Weight
04080001007	FOX-400	310 x 370 x 130 mm	3,20 kg


Spare parts and accessories

Ref	Code	Model	Description	Dimensions (mm)	Weight
A	09012013	TK109	Universal probe	100 x 80 x 10	0,02 kg
B	09012037	TK109-STRIP	Universal probe with strip	100 x 80 x 10	0,03 kg
C	09012019	TK104	Ambient probe	380 x 100 x 10	0,12 kg
D	09012020	TK105	Surface probe	380 x 100 x 10	0,14 kg
E	09012016	TK106	Insertion probe	380 x 100 x 10	0,09 kg
F	09012017	TK107	Clamp-on probe	230 x 100 x 10	0,16 kg
G	04111011	PWR	Complete piston	-	-
H	14021013001	PWKG-L	LOW knob kit	-	-
H	14021014001	PWKG-H	HIGH knob kit	-	-
H	14021015001	PWKG-R	REF knob kit	-	-
H	14021016001	PWKG-V	VAC knob kit	-	-
	14029048	VP/B8	Suitcase for Fox	360 x 320 x 120	0,75 kg

