NOZZLES FOR DISTRIBUTION AND MEASUREMENT OF OIL AND SIMILAR FLUIDS









Art. 024-1231-000

Handle for oil dispensing nozzle Composed by: Aluminium body Button to block the lever F 1/2" swivel joint

Art. 024-1231-A00

Oil dispensing nozzle Composed by: Handle with F 1/2" swivel joint Flexible end 105° Manual drop valve Ø 12 mm

Art. 024-1231-B00

Oil dispensing nozzle Composed by: Handle with F 1/2" swivel joint Rigid end 45° Manual drop valve Ø 12 mm

Art. 024-1231-C00

Oil dispensing nozzle Composed by: Handle with F 1/2" swivel joint Flexible end 105° Automatic drop valve Ø 14 mm

Art. 024-1231-D00

Oil dispensing nozzle Composed by: Handle with F 1/2" swivel joint Rigid end 45° Automatic drop valve Ø 14 mm

Art. 024-1232-F00

Oil dispensing nozzle
Composed by:
Handle with F 1/2" swivel joint
Flexible end 105°
Manual drop valve Ø 12 mm

Art. 024-1232-G00

Oil dispensing nozzle Composed by: Handle with F 3/8" swivel joint Rigid end 30° Automatic drop valve Ø 14 mm

Art. 024-1232-E00

Oil dispensing nozzle Composed by: Handle with F 3/8" swivel joint Flexible end Manual drop valve Ø 12 mm

NOZZLES FOR DISTRIBUTION AND MEASUREMENT OF OIL AND SIMILAR FLUIDS



Art. 024-1233-A00

Oil digital dispensing nozzle

Composed by:

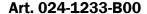
Oil digital flow meter (Art.024-1234-000)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Manual drop valve Ø 12 mm



Oil digital dispensing nozzle

Composed by:

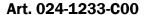
Oil digital flow meter (Art.024-1234-000)

Rubber protection

Handle with F 1/2" swivel joint

Rigid end 45°

Manual drop valve Ø 12 mm



Oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1234-000)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Automatic drop valve Ø 14 mm

Art. 024-1233-D00

Oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1234-000)

Rubber protection

Handle with F 1/2" swivel joint

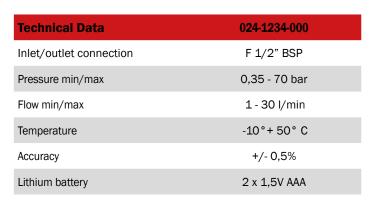
Rigid end 45°

Automatic drop valve Ø 14 mm

Art. 024-1234-000

Oil digital flow meter

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid













024-1234-000

FEATURES

- Easy calibration
- Double totalizer
- Electronic reset
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage



RECALIBRATING NOZZLES FOR MEASURING AND DISPENSING OIL AND SIMILAR FLUIDS











024-1246-000

FEATURES

- Easy calibration
- Double totalizer
- Electronic reset
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage

Art. 024-1243-A00

Recalibrating oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1246-000)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Manual drop valve Ø 12 mm

Art. 024-1243-B00

Recalibrating oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1246-000)

Rubber protection

Handle with F 1/2" swivel joint

Rigid end 45°

Manual drop valve Ø 12 mm

Art. 024-1243-C00

Recalibrating oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1246-000)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Automatic drop valve Ø 14 mm

Art. 024-1243-D00

Recalibrating oil digital dispensing nozzle

Composed by:

Oil digital flow meter (Art.024-1246-000)

Rubber protection

Handle with F 1/2" swivel joint

Rigid end 45°

Automatic drop valve Ø 14 mm

Art. 024-1246-000

Recalibrating oil digital flow meter

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid

| Technical Data | 024-1246-000 |
|-------------------------|----------------|
| Inlet/outlet connection | F 1/2" BSP |
| Pressure min/max | 0,35 - 100 bar |
| Flow min/max | 1 - 35 I/min |
| Temperature | -10°+50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 1 x 3V CR123A |

RECALIBRATING NOZZLES FOR MEASURING AND DISPENSING OIL AND SIMILAR FLUIDS MID APPROVED





Art. 024-1241-E00

Oil digital dispensing nozzle MID approved Composed by:

Oil digital flow meter (Art.024-1241-MID)

Rubber protection

Handle with F 1/2" swivel joint

Rigid end 30°138 mm lenght

Automatic drop valve

Art. 024-1241-C00

Oil digital dispensing nozzle MID approved

Composed by:

Oil digital flow meter (Art.024-1241-MID)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Automatic drop valve Ø 14 mm

Art. 024-1242-DX0

Anti-freeze and windscreen liquid digital dispensing nozzle

MID approved - Composed by:

Oil digital flow meter (Art.024-1242-MID)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 45° stainless steel

Automatic drop valve Ø 13,5 mm

Art. 024-1242-C00

Anti-freeze and windscreen liquid digital dispensing nozzle

MID approved - Composed by:

Oil digital flow meter (Art.024-1242-MID)

Rubber protection

Handle with F 1/2" swivel joint

Flexible end 105°

Automatic drop valve Ø 12 mm

Art. 024-1241-MID

Oil digital flow meter MID approved

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid

Art. 024-1242-MID

Oil digital flow meter MID approved

It is equipped with two displays, one for partial measures (resettable) and one for total measures (not resettable) of the dispensed fluid

| Technical Data | 024-1241-MID | 024-1242-MID |
|-------------------------|----------------|----------------|
| Inlet/outlet connection | F 1/2" BSP | F 1/2" BSP |
| Pressure min/max | 0,35 - 100 bar | 0,35 - 100 bar |
| Flow min/max | 1 - 10 I/min | 1 - 10 l/min |
| Temperature | -10°+50° C | -10°+ 50° C |
| Accuracy | +/- 0,3% | +/- 0,3% |
| Lithium battery | 1 x 3V CR123A | 1 x 3V CR123A |













024-1241-MID



024-1242-MID

FEATURES

All the digital meters are "OIML R117-1" pre-tested, calibrated and supplied with MID approval.

Internal data-logger (storage of 500 dispenses with date and time)

Pulse monitoring (detection of air pockets inside the pipe) Electronic display with 3 decimal places

Tamper-proof due to the sealing of the measuring chamber

Different units of measurements can be selected: litres, pints, quarts or gallons.



HIGH DELIVERY NOZZLES FOR MEASURING AND DISPENSING OF OIL AND SIMILAR FLUIDS









024-1245-005

FEATURES

- Easy calibration
- Double totalizer
- Electronic reset
- High precision
- Ergonomic grip
- · Lever block is included
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage

Art. 024-1244-G00

High delivery oil dispensing nozzle

Flow rate 90 I/min max press. 100 bar Composed by:

Aluminium handle with F 3/4" swivel joint Button to block the lever

Flexible end M 3/4" 380 mm lenght Semiautomatic drop valve Ø 35 mm

Art. 024-1244-H00

High delivery oil dispensing nozzle

Flow rate 90 I/min max press. 100 bar Composed by:

Aluminium handle with F 3/4" swivel joint Button to block the lever

Rigid end 30° 210 mm lenght

Semiautomatic drop valve Ø 35 mm

Art. 024-1245-G00

High delivery oil digital dispensing nozzle

Flow rate 60 I/min max press. 70 bar Composed by:

Oil digital flow meter (Art.024-1245-005) Rubber protection

Aluminium handle with F 3/4" swivel joint Flexible end M 3/4" I 380 mm

Semiautomatic drop valve Ø 35 mm

Art. 024-1245-H00

High delivery oil digital dispensing nozzle

Flow rate 60 I/min max press. 70 bar Composed by:

Oil digital flow meter (Art.024-1245-005)

Rubber protection

Aluminium handle with F 3/4" swivel joint

Rigid end 30°I 210 mm

Semiautomatic drop valve Ø 35 mm

Art. 024-1245-005

High delivery oil digital flow meter

It is equipped with two displays, one for partial measures (resettable) to 5 digits and one for total measures (not resettable) to 8 digits of the dispensed fluid

| Technical Data | 024-1245-005 |
|-------------------------|---------------|
| Inlet/outlet connection | F 3/4" BSP |
| Pressure min/max | 0,35 - 70 bar |
| Flow min/max | 6 - 60 l/min |
| Temperature | -10°+50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA |

OIL DISPENSING DIGITAL NOZZLESWITH PRESELECTION FOR OIL AND SIMILAR FLUIDS



Art. 024-1247-A00

Oil digital nozzle with PRESELECTION

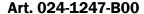
Composed by:

Oil digital flow meter with preselection delivery

Handle with F 1/2" swivel joint

Flexible end 105°

Manual drop valve Ø 12 mm



Oil digital nozzle with PRESELECTION

Composed by:

Oil digital flow meter with preselection delivery

Handle with F 1/2" swivel joint

Rigid end 45°

Manual drop valve Ø 12 mm

Art. 024-1247-C00

Oil digital nozzle with PRESELECTION

Composed by:

Oil digital flow meter with preselection delivery

Handle with F 1/2" swivel joint

Flexible end 105°

Automatic drop valve Ø 14 mm

Art. 024-1247-D00

Oil digital nozzle with PRESELECTION

Composed by:

Oil digital flow meter with preselection delivery

Handle with F 1/2" swivel joint

Rigid end 45°

Automatic drop valve Ø 14 mm

Art. 024-1247-P00

Oil digital nozzle with PRESELECTION

Composed by:

Oil digital flow meter with preselection delivery

Handle with F 1/2" swivel joint

Jointed end

Automatic drop valve Ø 14 mm



| Technical Data | 024-1247-A/B/C/D00 | 024-1247-P00 |
|-------------------------|--------------------|---------------|
| Inlet/outlet connection | F 1/2" BSP | F 1/2" BSP |
| Pressure min/max | 0,35 - 70 bar | 0,35 - 70 bar |
| Flow min/max | 1 - 35 l/min | 1 - 30 l/min |
| Temperature | -5°+ 50° C | -5°+50° C |
| Accuracy | +/- 0,5% | +/- 0,5% |
| Lithium battery | 4 x 1,5V AA | 4 x 1,5V AA |

Oil dispensing gun with PRESELECTION or manual delivery.

The user can calibrate it according to the different units of measurement (litres, gallons, pints). It is provided calibrated in litres, but it can be easily calibrated by the user.



MECHANICAL NOZZLES FOR MEASURING AND DISPENSING OF OIL AND SIMILAR FLUIDS











024-1249-000

+/- 0,1%

+/- 0,1%

Art. 024-1249-A00

Oil mechanical nozzle - Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
Flexible end 105°
Manual drop valve Ø 12 mm

Art. 024-1249-AG0

Oil mechanical nozzle in gallons

Art. 024-1249-B00

Oil mechanical nozzle - Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
Rigid end 45°
Manual drop valve Ø 12 mm

Art. 024-1249-BG0

Oil mechanical nozzle in gallons

Art. 024-1249-C00

Oil mechanical nozzle - Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
Flexible end 105°
Automatic drop valve Ø 14 mm

Art. 024-1249-CG0

Oil mechanical nozzle in gallons

Art. 024-1249-D00

Oil mechanical nozzle - Composed by:
Oil mechanic flow meter (Art.024-1249-000)
Handle with F 1/2" swivel joint
Rigid end 45°
Automatic drop valve Ø 14 mm

Art. 024-1249-DG0

Oil mechanical nozzle in gallons

Art. 024-1249-000

Oil mechanical flow meter It is equipped 3 figures + 1 decimal. Display 6 figures rekittable

Art. 024-1249-G00

Oil mechanical flow meter in gallons

Technical Data 024-1249-000 024-1249-G00 Inlet/outlet connection F 1/2" BSP F 1/2" BSP Pressure min/max 0,35 - 70 bar 5 - 1000 Psi Flow min/max 1 - 30 l/min 0,20 - 8 gal/min

FEATURES

- Calibration is not necessary
- Easy reset
- Partial and total totalizer
- Not-resettable total totalizer
- Batteries are not necessary
- Mechanical reset button
- Not approved for public usage

Accuracy

NOZZLES FOR DISPENSING OF ANTI-FREEZE AND WINDSCREEN LIQUID



Art. 024-1232-H00

Water and anti-freeze liquid dispensing nozzle Composed by: Handle with F 3/8" swivel joint Rigid end 30°

Art. 024-1237-000

Anti-freeze liquid dispensing nozzle Composed by: Handle with F 1/2" swivel joint Flexible end 105° Manual drop valve Ø 12 mm

Art. 024-1237-V00

Windscreen liquid dispensing nozzle Composed by: Handle with F 1/2" swivel joint Rigid end 30° stainless steel

Art. 024-1237-A00

Anti-freeze liquid digital dispensing nozzle Composed by: Digital flow meter (Art.024-1238-000) Rubber protection Handle with F 1/2" swivel joint Flexible end 105° Manual drop valve Ø 12 mm

Art. 024-1237-W00

Windscreen liquid digital dispensing nozzle Composed by: Digital flow meter (Art.024-1238-000) Rubber protection Handle with F 1/2" swivel joint Rigid end 30° stainless steel

Art. 024-1238-000

Digital flow meter for anti-freeze and windscreen liquid It is equipped with two displays, one for partial measures (resetable) and one for total measures (not resettable) of the dispensed fluid

| Technical Data | 024-1238-000 |
|-------------------------|---------------|
| Inlet/outlet connection | F 1/2" BSP |
| Pressure min/max | 0,35 - 25 bar |
| Flow min/max | 1 - 30 l/min |
| Temperature | -10°+ 50° C |
| Accuracy | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA |







024-1237-W00



024-1238-000

FEATURES

- Easy calibration
- Double totalizer
- Electronic reset
- High precision
- Ergonomic grip
- Button to block the lever
- Low battery consumption
- Different units of measurements can be selected: litres, pints, quarts or gallons.
- Not approved for public usage



DIGITAL FLOW METERS FOR MEASURING AND DISPENSING OF OIL AND SIMILAR FLUIDS



024-1251-000

Art. 024-1251-000

High delivery oil digital flow meter

Flow rate 60 I/min

It is equipped with two displays: one for partial measures (resettable) to 5 digits and one for total measures (not resettable) to 8 digits of the dispensed fluid



092-5130-000

Art. 092-5130-000

Digital flow meter with gears MGE-110

min-max flow rate 5-110 I/min (lubricants)

6 digits totalizer (not resettable)

6 digits partial (resettable)

Allowed fluids: diesel, oil



092-5140-000

Art. 092-5140-000

Digital flow meter with gears MGE-250

min-max flow rate **10-150 I/min** (lubricants)

6 digits totalizer (not resettable)

6 digits partial (resettable)

Allowed fluids: diesel, oil



092-5150-000

Art. 092-5150-000

Digital flow meter with gears MGE-400

min-max flow rate 15-300 I/min (lubricants)

6 digits totalizer (not resettable)

6 digits partial (resettable)

Allowed fluids: diesel, oil

| Technical Data | 024-1251-000 | 092-5130-000 | 092-5140-000 | 092-5150-000 |
|-------------------------|---------------|-----------------|-----------------|-----------------|
| Inlet/outlet connection | F 3/4"-1" BSP | F 1" BSP | F 1.1/2" BSP | F 2" BSP |
| Pressure min/max | 1 - 70 bar | 1 - 55 bar | 1 - 50 bar | 1 - 50 bar |
| Flow min/max | 6 - 60 l/m | 5 - 110 l/m | 10 - 150 l/m | 15 - 300 l/m |
| Temperature | -10° + 50° C | -10° + 50° C | -10° + 50° C | -10° + 5 0° C |
| Accuracy | +/- 0,5% | +/- 0,5% | +/- 0,5% | +/- 0,5% |
| Lithium battery | 2 x 1,5V AAA | 1 x 3V CR 2450N | 1 x 3V CR 2450N | 1 x 3V CR 2450N |

The digital flow meters allow to show correctly the push-button delivery, equipped with two displays, one for partial measures resettable and one for total measures not resettable that underlines the dispensed fluid. Suitable for different type of oils, low, medium or high viscosity.

NOZZLE ACCESSORIES FOR OIL AND SIMILAR FLUIDS



Art. 024-1255-A00

Flexible end 105° M 1/2" 256 mm lenght Manual drop valve Ø 12 mm

Art. 024-1255-B00

Rigid end 45°M 1/2" 256 mm lenght Manual drop valve Ø 12 mm

Art. 024-1255-C00

Flexible end 105° M 1/2" 256 mm lenght Automatic drop valve Ø 14 mm

Art. 024-1255-D00

Rigid end 45° M 1/2" 256 mm lenght Automatic drop valve Ø 14 mm

Art. 024-1255-DX0

Stainless steel rigid end 45 $^{\circ}$ M 1/2" 210 mm lenght Automatic drop valve Ø 13,5 mm

Art. 024-1255-E00

Rigid end 30° M 1/2" 138 mm lenght Automatic drop valve Ø 13,5 mm

Art. 024-1256-G00

High delivery flexible end M 3/4" 310 mm lenght Semiautomatic drop valve Ø 35 mm

Art. 024-1256-H00

High delivery rigid end 30 $^{\circ}$ M 3/4" 210 mm lenght Semiautomatic drop valve Ø 35 mm

Art. 024-1257-000

Manual drop valve Ø 12 mm with F 1/4" BSP

Art. 024-1258-000

Automatic drop valve Ø 14 mm with F 1/4" BSP inlet

Art. 024-1258-G00

Semi-automatic high delivery drop valve \emptyset 35 mm with F 3/4" BSP

Swivelling joints for oil nozzles

| Article | Inlet | Outlet | Max pressure |
|--------------|------------|------------|--------------|
| 024-1259-004 | M 1/2" BSP | F 1/2" BSP | 100 |
| 024-1259-005 | M 3/4" BSP | F 3/4" BSP | 100 |

















024-1258-G00

