

# ICON LSE

## Electric



ICON LSE 50 EM

ICON LSE 100 EM

ICON LSE 100 ET

Charging rate	<b>50</b> l/min	<b>100</b> l/min	<b>100</b> l/min
Filling time <sup>1</sup>	<b>40</b> min	<b>20</b> min	<b>20</b> min
Engine power	<b>1,1</b> kW Single-phase electric	<b>2,2</b> kW Single-phase electric	<b>3</b> kW Three-phase electric
Dimensions <sup>2</sup> (L x D x H)	<b>61 x 37 x 39</b> cm <b>24 x 14.5 x 15.3</b> in		<b>61 x 35 x 39</b> cm <b>24 x 13.8 x 15.3</b> in
Weight <sup>2</sup> (dry weight)		<b>39</b> kg <b>83.7</b> lb	

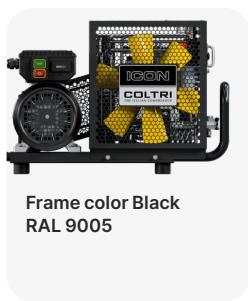
<sup>1</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)<sup>2</sup> Standard model. Weight and dimensions may vary depending on accessories.

# A great little portable

The Icon LSE series are the world's most widely used portable compressors. Due to their small size and light weight, the models are perfect for a wide range of needs: high-pressure breathing air for diving, recreation, fire fighting and paintball facilities. The models are available with petrol or electric motors, both three-phase and single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill port with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

Working pressure from 232 to 330 bar

## Standard equipments



## Optional



# ICON LSE Stainless steel

## Electric



ICON LSE INOX 50 EM

ICON LSE INOX 100 EM

ICON LSE INOX 100 ET

Charging rate	<b>50</b> l/min	<b>100</b> l/min	<b>100</b> l/min
Filling time <sup>1</sup>	<b>40</b> min	<b>20</b> min	<b>20</b> min
Engine power	<b>1,1</b> kW Single-phase electric	<b>2,2</b> kW Single-phase electric	<b>3</b> kW Three-phase electric
Dimensions <sup>2</sup> (L x D x H)	<b>61 x 37 x 39</b> cm <b>24 x 14.5 x 15.3</b> in		<b>61 x 35 x 39</b> cm <b>24 x 13.8 x 15.3</b> in
Weight <sup>2</sup> (dry weight)		<b>39</b> kg <b>83.7</b> lb	

<sup>1</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

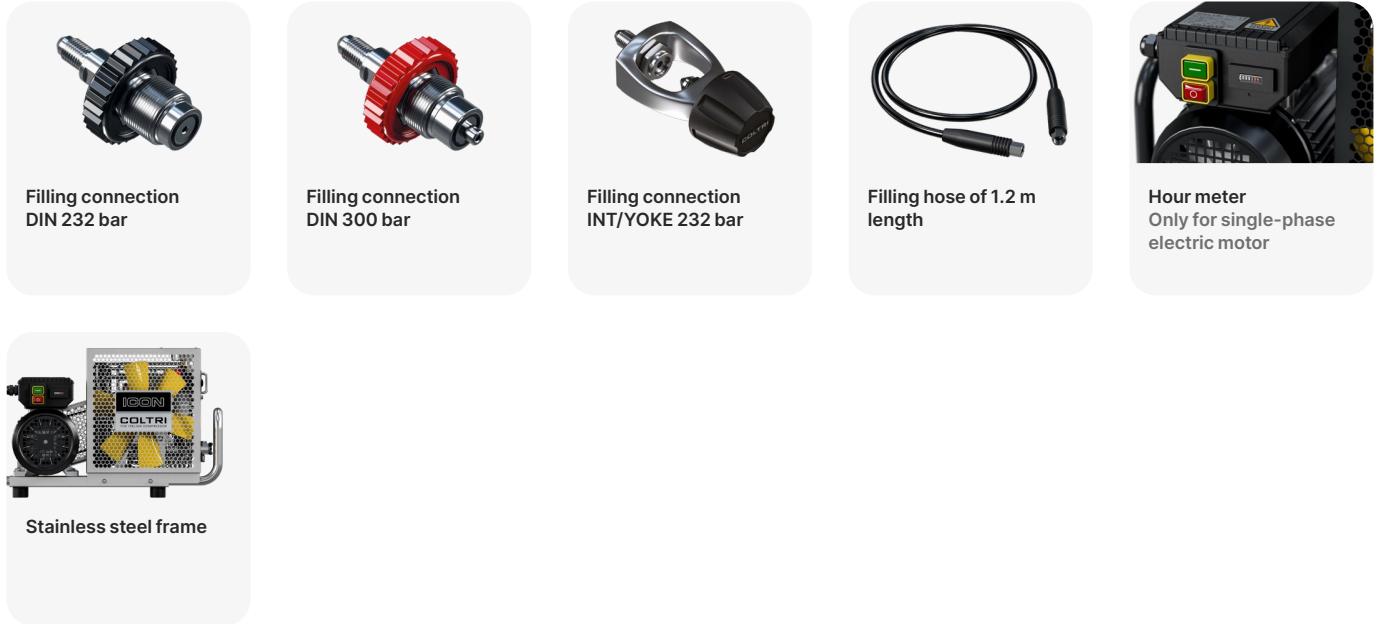
<sup>2</sup> Standard model. Weight and dimensions may vary depending on accessories.

# A great little portable

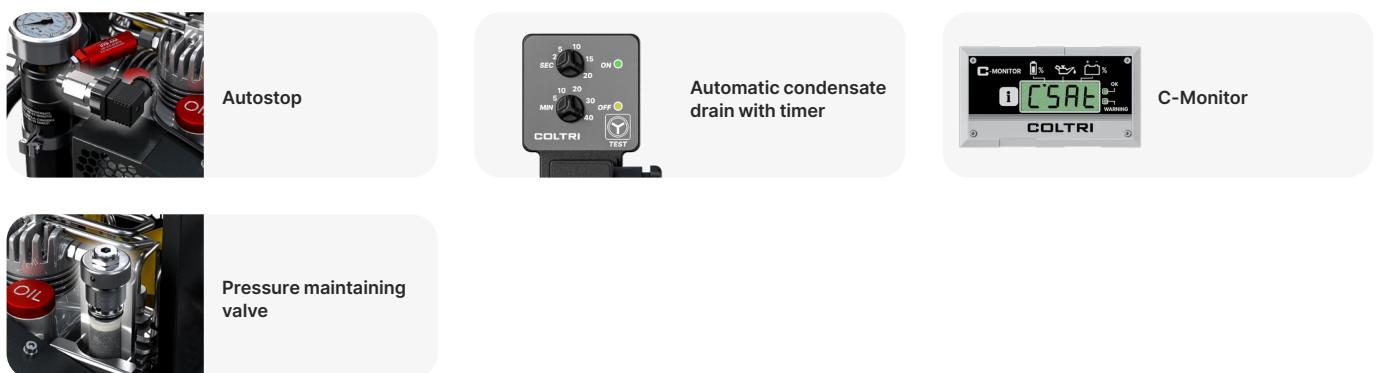
The Icon LSE Stainless steel series are the world's most widely used portable compressors. Due to their small size and light weight, the models are perfect for a wide range of needs: high-pressure breathing air for diving, recreation, fire fighting and paintball facilities. The models are available with petrol or electric motors, both three-phase and single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill port with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

Working pressure from 232 to 330 bar

## Standard equipments



## Optional



# ICON PETROL

## Petrol



**ICON 100 SH**  
Petrol HONDA GP 200

**ICON 100 SK**  
Petrol KOHLER SH 265

Charging rate	<b>100</b> l/min	<b>100</b> l/min
Filling time <sup>1</sup>	<b>20</b> min	<b>20</b> min
Engine power	<b>4,3</b> kW Petrol HONDA GP 200	<b>4,1</b> kW Petrol KOHLER SH 200
Dimensions <sup>2</sup> (L x D x H)	<b>61 x 37 x 39 cm</b> <b>24 x 14.5 x 15.3 in</b>	
Weight <sup>2</sup> (dry weight)	<b>39 kg</b> <b>83.7 lb</b>	

<sup>1</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

<sup>2</sup> Standard model. Weight and dimensions may vary depending on accessories.

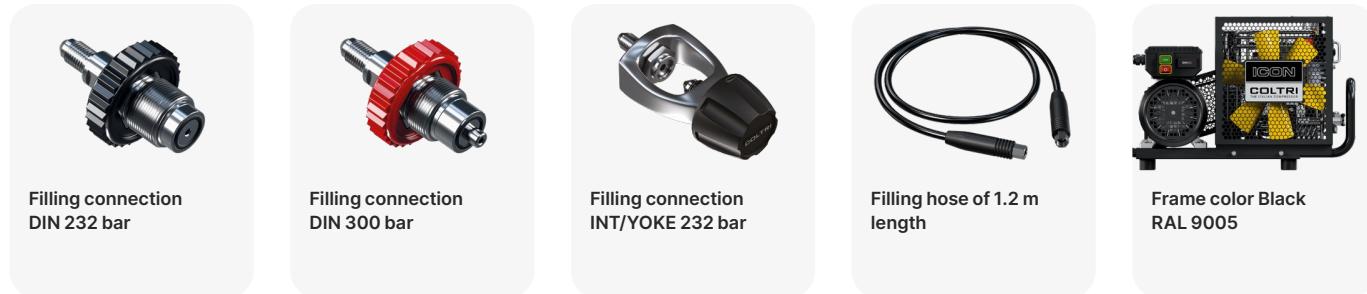
# Dedicated to the most extreme journeys

Part of the **ICON PETROL** series are the most widely used portable compressors in the world. By virtue of their small size and low weight, the models are perfect for widely varying needs: high-pressure breathing air for diving, recreation, fire services, and paintball facilities. The models are available with gasoline or electric motors, either three-phase or single-phase, and are equipped with the GP 100 pumping unit. Standard equipment includes a hose fill connection with operating pressures from 232 to 330 bar. The user experience is highly customizable with the various options available such as pressure maintenance valve, automatic condensate drain and autostop.

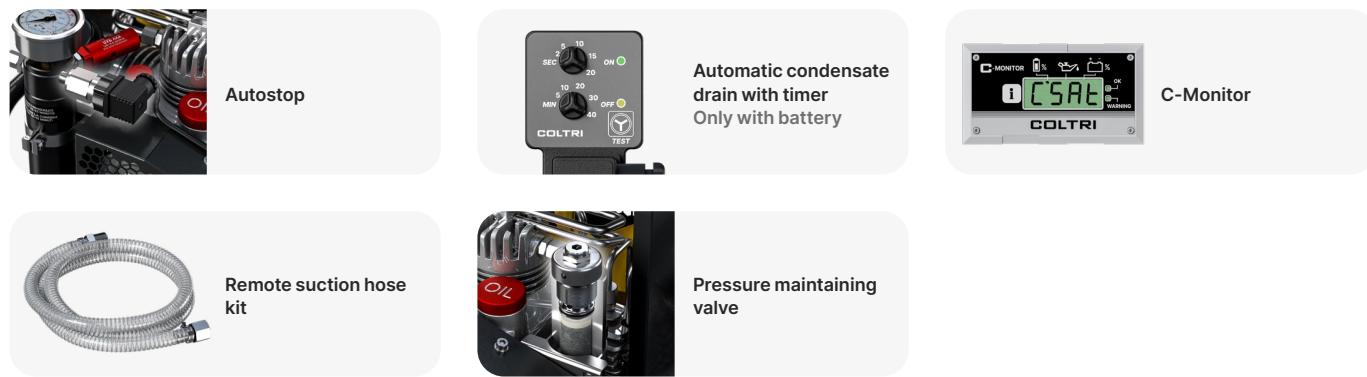
**Working pressure from 232 to 330 bar**

	ICON 100 SH Petrol HONDA GP 200	ICON 100 SK Petrol KOHLER SH 265
Fuel tank capacity	3,1 liters	3,1 liters
Fuel consumption at continuous power	1,7 l/h – 3600 rpm	1,7 l/h – 3600 rpm

## Standard equipments



## Optional



# ICON PETROL Stainless steel

## Petrol



**ICON INOX 100 SH**  
Petrol HONDA GP 200

**Charging rate** **100** l/min

**Filling time<sup>1</sup>** **20** min

**Engine power** **4,3** kW  
Petrol HONDA GP 200

**Dimensions<sup>2</sup>**  
(L x D x H) **61 x 37 x 39 cm**  
**24 x 14.5 x 15.3 in**

**Weight<sup>2</sup>**  
(dry weight) **39 kg**  
**83.7 lb**

<sup>1</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

<sup>2</sup> Standard model. Weight and dimensions may vary depending on accessories.

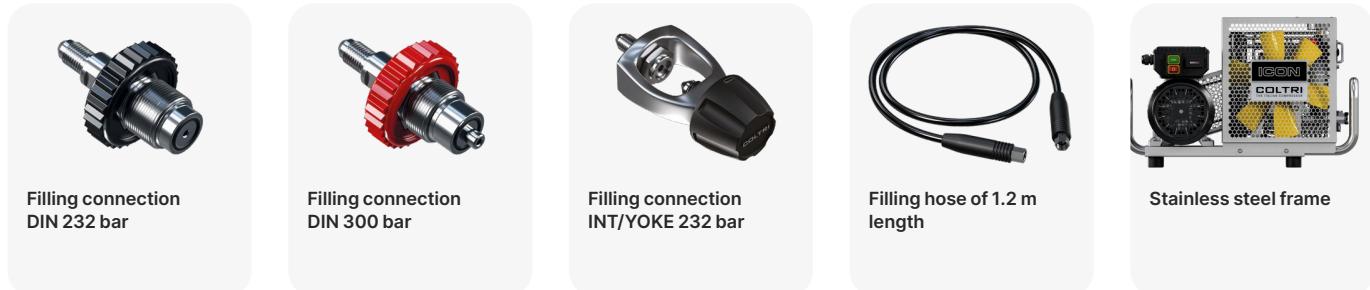
# Dedicated to the most extreme journeys

**ICON INOX 100 SH**  
Petrol HONDA GP 200

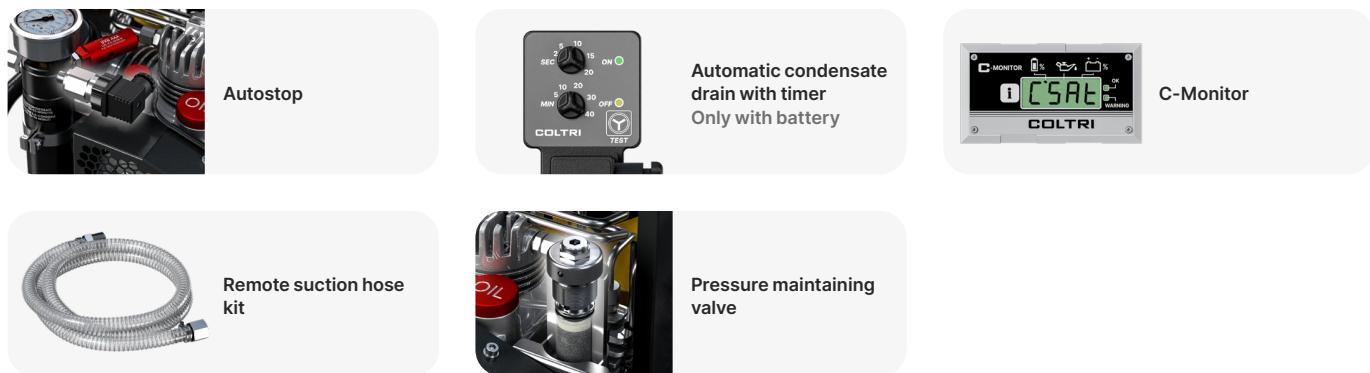
Fuel tank capacity	3,1 liters
Fuel consumption at continuous power	1,7 l/hour – 3600 giri/min

Working pressure from 232 to 330 bar

## Standard equipments



## Optional



# MINI COMPACT

## Electric



MINI COMPACT 100 EM

MINI COMPACT 100 ET

Charging rate	<b>100</b> l/min	<b>100</b> l/min
Filling time <sup>1</sup>	<b>20</b> min	<b>20</b> min
Engine power	<b>2,2</b> kW Single-phase electric	<b>3</b> kW Three-phase electric
Dimensions <sup>2</sup> (L x D x H)		<b>62,4 × 38 × 43</b> cm <b>24.5 × 15 × 16.9</b> in
Weight <sup>2</sup> (dry weight)		<b>57,1</b> kg <b>125.8</b> lb

1 Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

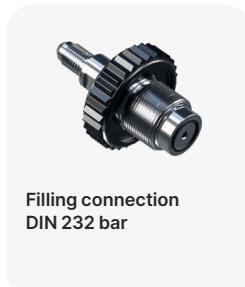
2 Standard model. Weight and dimensions may vary depending on accessories.

# Powerful, portable and a great looking frame

The MINI COMPACT range of compressors are very popular in the marine industry thanks in part to their reinforced, more enveloping chassis. All equipped with the popular GP 100 pumping unit, they are available with gasoline or electric motors, both three-phase and single-phase. The equipment includes a filling connection for flexible hose with working pressure from 232 to 330 bar. Optional extras include a pressure maintenance valve, automatic condensate drain and auto-stop, all of which allow the product to be tailored to the user's needs.

**Working pressure from 232 to 330 bar**

## Standard equipments



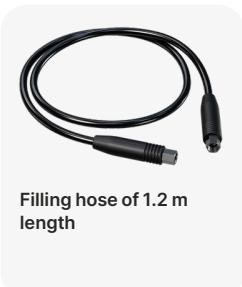
Filling connection  
DIN 232 bar



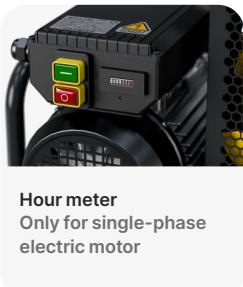
Filling connection  
DIN 300 bar



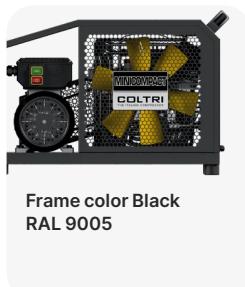
Filling connection  
INT/YOKE 232 bar



Filling hose of 1.2 m  
length

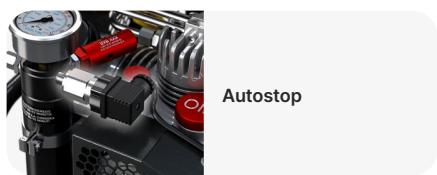


Hour meter  
Only for single-phase  
electric motor

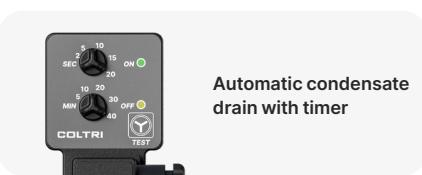


Frame color Black  
RAL 9005

## Optional



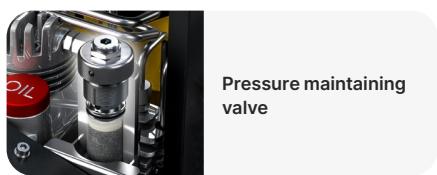
Autostop



Automatic condensate  
drain with timer



C-Monitor



Pressure maintaining  
valve

# MINI COMPACT

## Petrol



### MINI COMPACT 100 SH

Petrol HONDA GP 200

Charging rate **100** l/min

Filling time<sup>1</sup> **20** min

Engine power **4,3** kW  
Petrol HONDA GP 200

Dimensions<sup>2</sup>  
(L x D x H) **80 x 37 x 44 cm**  
**31.5 x 14.5 x 17.3 in**

Weight<sup>2</sup>  
(dry weight) **47 kg**  
**104 lb**

<sup>1</sup> Filling time 10 l empty cylinder - 0/200 bar (tolerance ±5%)

<sup>2</sup> Standard model. Weight and dimensions may vary depending on accessories.

# Maximize performance

## MINI COMPACT 100 SH

Petrol HONDA GP 200

Fuel tank capacity	3,1 liters
Fuel consumption at continuous power	1,7 l/hour – 3600 giri/min

Working pressure from 232 to 330 bar

## Standard equipments

				
Filling connection DIN 232 bar	Filling connection DIN 300 bar	Filling connection INT/YOKE 232 bar	Filling hose of 1.2 m length	Frame color Black RAL 9005

## Optional

		
		Remote suction hose kit

# Purification system

## Purification system ECO-FILTER

ECO-FILTER disposable cartridge



## Separator system

- Final separator for removal of oil/water condensate
- Final safety valve, mounted on the separator housing



## Purification system ECO-FILTER

### Purification system

Operating pressure (Standard)

### Eco-Filter

232 bar / 330 bar

Operating pressure max. (PS)

360 bar

Processable air capacity

(air inlet temperature in the filter 20° C at 300 bar)<sup>1</sup>

210 m<sup>3</sup>

1 When using a filter cartridge without HOPCALITE CO CATALYST.

If a cartridge with CO removal is used, the process air capacity is reduced by about 20%.

## Separator system

### Contamination

### Maximum content as per DIN EN 12021:2014

### Air quality\*

H <sub>2</sub> O	25 mg/m <sup>3</sup>	≤ 10 mg/m <sup>3</sup>
CO	5 ppm(v)	≤ 4
CO <sub>2</sub>	500 ppm(v)	≤ 500
Oil	0,5 mg/m <sup>3</sup>	≤ 0,5 mg/m <sup>3</sup>

\* Measured at our facility using ASCO HORA 160 ANALYZER.

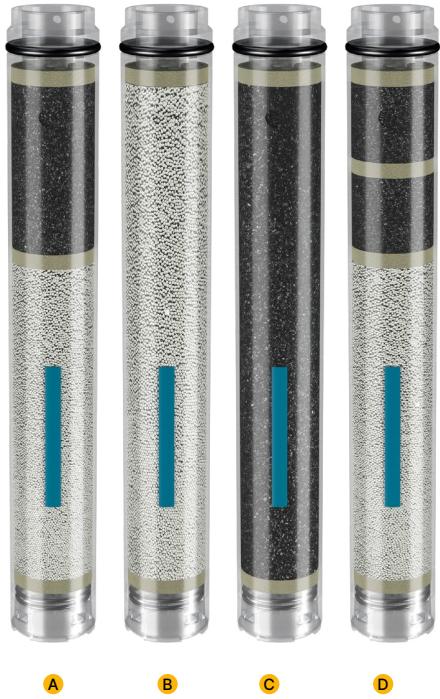
1 Only with special filter cartridge with HOPCALITE CO CATALYST. and up to a maximum concentration of 25 ppm CO in intake air.

The compressed clean breathing air then contains a maximum of 5 ppm CO.

2 The level of CO<sub>2</sub> in the intake air must not exceed the maximum level of CO<sub>2</sub> as per EN 12021:2014

3 Reported values exceed ISO 8573-1 standards.

# ECO-FILTER cartridges



- Ⓐ With molecular sieve and activated carbon  
Standard on electric motor compressors.
- Ⓑ With molecular sieve
- Ⓒ With activated carbon
- Ⓓ With molecular sieve, activated carbon and CO-catalyst  
Standard on petrol motor compressors.

## Lubricants

### Synthetic Coltri Oil ST 755 1 liter

A fully synthetic oil specifically developed for long lasting lubrication of process gas compressors and especially for breathing air. It provides outstanding performance in all types of compressors.



### Special Motor Oil for 1 liter petrol and diesel engines



# Optional

## Automatic condensate drain with timer

Available only for compressors with electric motor.

The automatic condensate drain removes water from the intermediate separator and the final separator automatically during operation (every 7 minutes).

Composed of:

- 1 x timer
- 1 x solenoid valve



## Autostop

Compressor automatically switches off when it reaches the final pressure.

Composed of:

- 1 x Pressure switch
- 230 bar - COD. SC000521/232 (safety valve 250 bar)
- 300 bar - COD. SC000521/300 (safety valve 330 bar)



## Double pressure regulator 232/300 bar

Available only on Mini Compact compressors



## C-Monitor

**Final filter monitoring system, oil change and technical interface.**

The interface consists of an LCD display, a button  and two indicators (, ). The decimal points next to the digits are indicator lights to indicate alarms or warnings in progress. Each dot is associated with an explanatory icon (, , ). The icon  indicates an alarm condition while the symbol  indicates normal operation. Press the button  to scroll through the different functions of the menu. When pressed, the function is displayed and after two 2 seconds the corresponding data is displayed.

