SCAN TRONIC
COMBUSTION OPTIMIZING

Calibration Suitcase



CAL 2

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Calibration Suitcase - CAL 2



CAL 2

CAL 2 is a handy and robust suitcase produced in blue thermoplastic polyethylene.
The suitcase contains the parts necessary to carry out the calibration of Oxygen Control OC 2016 and
Oxygen Control OC 2026 with the sensor OS 2024.
CAL 2 is used for scheduled calibration every 3 months or supervisory check of all Scan Tronic type of OC.

Technical Specifications:

Power supply :	230V AC 50/60 Hz
Power consumption:	approx. 5 VA
Dimensions:	H x W x D =580 x 200 x 100 mm
Pressure bottle:	Volume: 1 L
	Contents: 1 % O**2** in Nitrogen N**2**

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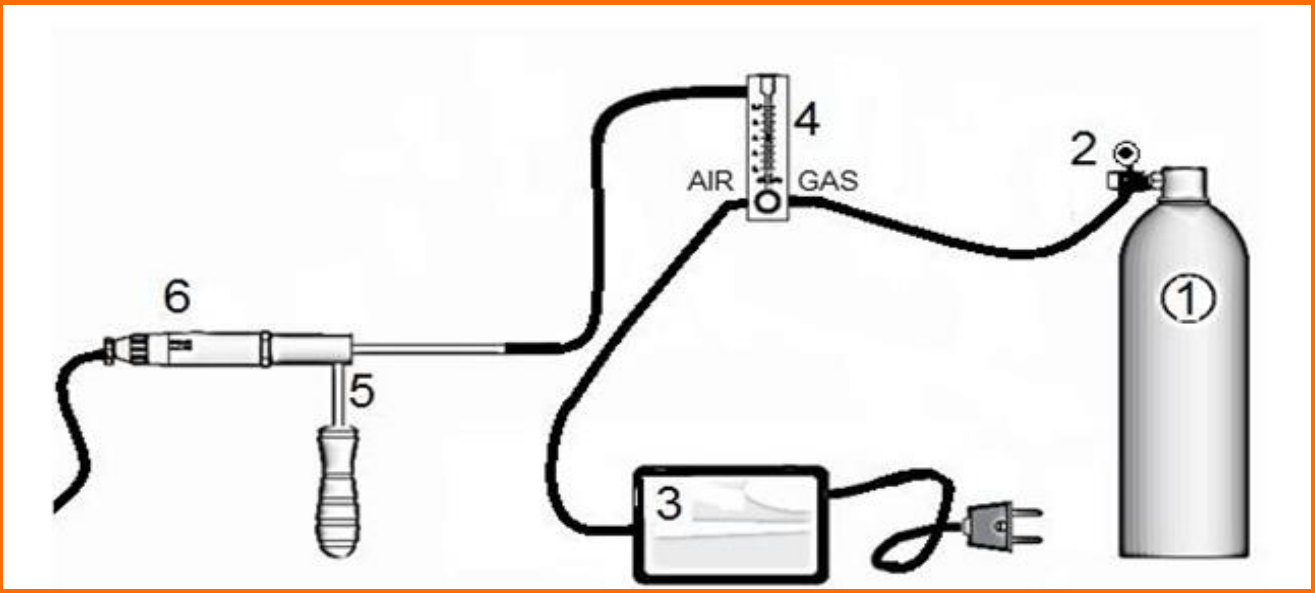

Calibration procedure for OC 2016:

1. To carry out the calibration the oxygen meter's top-plate must be removed.
2. The sensor (p. 6) is taken out of the flue gas duct and inserted in the calibrating adaptor (p.5).
3. Add calibrating gas 1 % O**2** in Nitrogen (p. 1, p. 2) and set the flow meter (p.4) to 0.6 l/min.
4. Set **DISPLAY** to show 1.0 % with the help of the ▲ and ▼ arrows, and let the oxygen meter work for 5 minutes. Re-adjust if necessary.
5. Add atmospheric air with an air-pump (p. 3), and adjust the flow meter (p.4) to show 0.6 liter/minute and let it work for 5 minutes.
6. Press the **MENU** button in the oxygen meter several times, until the light diode 20.9% is lit.
7. Set **DISPLAY** to show 20.9 % with the help of the ▲ and ▼arrows, and let the oxygen meter work for 5 minutes. Re-adjust if necessary.
8. Place the probe back in the flue gas duct.
9. Re-install the oxygen meter's top plate.
10. If the sensor cannot be calibrated any longer, it must be replaced.
11. Scan Tronic recommend the calibration to be done every 3 months.

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