

PRO C[®]-100 Kit

PROGRAMMABLE DIGITAL COMBUSTION ANALYZER

STATE-OF-THE-ART
TECHNOLOGY FOR
PRECISE COMBUSTION
ANALYZING



KIT CONTENTS

- PRO C-100 Analyzer and Sensor
- Polycarbonate Carrying Case
- Neoprene Extension Tubing (5 ft. or 1.5 m) with Quick Connect Fittings
- Stainless Steel Probe
 - » Slender 0.08" (2 mm) Diameter
- Rechargeable Battery & Charger
- USB Cable
- Support Stand
- Phillips Head Screwdriver
- Quick Instruction Card



Aquasol
CORPORATION

aquasolcorporation.com

PRO C[®]-100 Kit

PROGRAMMABLE DIGITAL COMBUSTION ANALYZER



ANALYZER FEATURES

- 0.1% Oxygen Resolution
- Automatic Self Calibration
- Internal Pump
- Data Logging Capability: Accumulates Up to 50 Data Points
- Data Output to Computer for Recording History
- Audiovisual Alarm
- Rechargeable 9V Battery
- One Year Warranty on Unit and Sensor
- Illuminated Display
- Designed for Universal Voltage
- Programmable in Multiple Gas Compositions
- Programmable in Multiple Languages

Features Two Sampling Modes

SPOT:

- Use this mode if the analyzing process requires more than 20 minutes to help save battery and time

CONTINUOUS:

- Use this mode when permanent records are required (in conjunction with data logging)

View multiple readings simultaneously in both SPOT and CONTINUOUS mode:

- One screen displays CO₂, O₂ and Excess Air readings

AQUASOL 03:37PM
PRO C-100

AQUASOL 01:51PM
CALIBRATING

CO₂: 00.00%
20.90% EA: Inf

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Audiovisual Alarm

Eliminate guesswork by setting the audiovisual alarm to desired O₂% value. The unit will produce an intermittent beep sound simultaneously as a green light flashes.

Rechargeable 9V Battery & Charger

Designed For Universal Voltage

The PRO C-100 is compatible with different voltage and frequency specifications from around the world. It can operate on 120VAC/60Hz and 220VAC/50Hz configurations.

- Can be Used Over & Over
 - Environmentally Friendly
 - Save on Purchases
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Self-Calibrating and Certified

- The PRO C-100 Combustion Analyzer is factory calibrated and certified, accompanied by a dated certificate of authentication
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CE Designation

- The PRO C-100 is in compliance with EC Directives
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Languages

Besides English, the PRO C-100 is programmable in three popular languages:

- German
- Portuguese
- Spanish

Simply select the desired language from the menu.

Data Logging Capabilities:

Increase Accuracy With Software Reporting

- With the PRO C-100 you will be able to create permanent records of real time data (at 15 second intervals) of oxygen levels

Easy-to-Use Conversion Software

- The PRO C-100 software enables the user to capture and export 50 data points in just clicks to Microsoft® Excel and plain text format

Convenient and Quick Data Offload

- The PRO C-100 offloads data to a PC via a convenient USB interface at a high-speed, ensuring data integrity
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HANDHELD COMBUSTION ANALYZER PRO C®-100 SPECIFICATIONS

Measurement Range:	0.00-21.0% Oxygen concentration by volume	Storage Temperature:	37.4°-68°F (3°-20°C)
Calibration:	20.9% (Oxygen concentration in air)	Sample Flow:	1.0 LPM maximum
Calibration Gas:	Ambient Air	Sample Pressure:	10.0 PSI (pounds-force per square inch) maximum
Display Resolution:	0.00-24.99% (2 decimal places LCD)	Power:	One 9V NiMH Cell Battery
Accuracy:	+/- 0.1%	Battery Life:	Up to 3 hours when operating in continuous sampling mode.
Response Time:	T ₉₀ < 15 seconds	Sensor Type:	Electrochemical Oxygen Sensor
Warm Up Time:	Negligible	Sensor Life:	12 months
Humidity:	0-95% non-condensing	Recommended Calibration Period:	Weekly, dependent upon use
Operating Temperature:	32°-122°F (0°-50°C)	PC Connection:	USB Type B

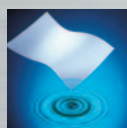
SPECIFICATIONS

PRO C®-100 Kit Types and Sizes

ITEM NO.	DESCRIPTION	DIMENSIONS		WEIGHT	
		ENGLISH (IN)	METRIC (MM)	ENGLISH	METRIC
P-C KIT	PRO C-100 Combustion Analyzer & Accessories Kit	11 x 9 x 4	279 x 227 x 102	4.00 lb	182 g
P-C KIT Euro	PRO C-100 Combustion Analyzer & Accessories Kit with European Charger	11 x 9 x 4	279 x 227 x 102	4.00 lb	182 g
P-OX Sensor	PRO C-100 Analyzer Sensor	1 x 1	21 x 20	0.03 lb	16 g
P-OX Batt	PRO C-100 9V NiMH Battery	2 x 1 x 1	48 x 26 x 17	0.12 lb	54 g
P-OX Charger/US	PRO C-100 12V NiMH Battery Charger with US Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	59 g
P-OX Charger/EU	PRO C-100 12V NiMH Battery Charger with European Type Plug	3 x 2 x 1	8 x 60 x 25	0.10 lb	59 g
P-OX USB	PRO C-100 USB Cable (72" or 1.8 m)	4 x 4 x 1	102 x 102 x 25	0.11 lb	50 g

For additional product information, quotations and ordering, please contact:

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