



Entry-Level Tester For Quick Efficiency Checks



BACKED BY

UEi
SERVICE+

10
YEAR
WARRANTY



Functions

- Save fuel, reduce pollution & increase efficiency
- Measure: Flue stack temperature, and CO2 in real time
- Calculate: O2, Combustion Efficiency, and Excess Air

Features

- Backed by UEi Service+
- Up to 10-Year warranty with annual recertification
- Large 6-line backlit display
- Temperature w/ K-Type probe inputs
- Protective water trap
- Print to optional printer
- 9 pre-programmed fuels
- Protective rubber boot with magnet
- DMM-style rotary dial

Includes

- Probe (CP2)
- Rechargeable batteries 3 (AA)
- USB Charging cable (AACA5)
- Quick Start Guide (201996)
- Certificate of calibration



Specifications

Temperature Measurement

Parameter	Range	Resolution	Accuracy
Flue Temperature	32° to 1112°F (0° to 600°C)	0.1°F (0.1°C)	±(0.3% rdg +3.6°F (2°C))
Inlet Temperature (Internal Sensor)	32° to 122°F (0° to 50°C)	0.1°F (0.1°C)	±2°F (1°C)
Inlet Temperature (External Sensor)	32° to 1112°F (0° to 600°C)	0.2° (0.1°C)	±1.0°F (0.5°C)

Flue Gas Measurement

Parameter	Range	Resolution	Accuracy
Carbon Dioxide	0 to 20%	0.1%	±0.3% volume

Calculations

Parameter	Range	Resolution	Accuracy
Oxygen	0 to 21%	0.1%	±0.3% volume
Efficiency (Net or Gross)	0 to 99.9%	0.1%	±1% rdg
Excess Air	0 to 119.9%	0.1%	±0.2% rdg

Pre- Programmed Fuels	Natural Gas, Propane, Butane, LPG, Bio Gas, Light Oil, Heavy Oil, Pellets, and Coal
Battery Life	>8 hours (continuous with pump on)
Certification	The CEA is TUV-tested and certified to EN 50379, Parts 1-3 in accordance to 1st German Federal Emission Control Ordinance (BimSchV)
Operating Conditions	
Temperature	32° to 113°F (0° to 45°C)
Humidity	15% to 90% R.H.
Storage Temperature	0° to 113°F (-18° to 50°C)
Power Supply	Rechargeable Batteries, USB Charging
Dimensions	
Dimensions	8.54" x 4.18" x 1.86"
Weight	1 lb., 5.1 oz.

Downloads



Data Sheet



Manual



Made in UNITED KINGDOM

