



atmosphere

CAT-100 Carbon Potential Analyzer

Precision measurement of carbon potential in furnace atmosphere

Insert the coil into the furnace, allow the coil to soak for 30 to 40 minutes, cool approximately 10 minutes, and insert into the testing apparatus for % Carbon readings

Features

- % Carbon displayed
- Easy to use color touch screen
- Low cost coils used for accurate results
- 30 to 40 minute soak/saturation time
- Quench free
- Independent of weight
- Math / Calculation free
- Readings take a matter of minutes
- Onboard recording of results
- Note*Not compatible with Carbonitriding*

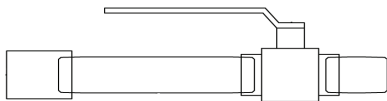


CAT-100
Part Number 13569



Software and Connectivity
Ethernet
Modbus TCP Communications
USB Connectivity

Battery-Powered
Downloadable Data
Exportable to Excel
Remote Webpage



Standard Coil Insertion Assembly (P/N 13497)
41.4" fully extended
29.5" exposed when inserted in furnace access port

Extended Coil Insertion Assembly (P/N 13694)
54.4" fully extended
42.5" exposed when inserted in furnace access port

Specifications

Input Power Range:	Universal, 85 - 264VAC
Accuracy:	+/- .03% Carbon
Read Time:	30 Seconds per coil
Measurement Range:	.1 to 1.3% Carbon
Operating Temperature:	50 to 110 °F (10 to 43 °C)

Coils (Quantity of 100)
(P/N 20753)



Software provided for long term storage and analysis of coil data
Touch Screen interface for ease of use during testing and storage of coil results
Downloadable updates to device and software
The CAT-100 meets CQI-9 requirements for daily checks of atmosphere
NOTE: The CAT-100 coils are not compatible with carbonitriding processes.

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