

Comparison Prepared by Valuetesters.com (Table 1)

Feature	Testo 310	Bacharach InTech	Fieldpiece CAT45	Sauermann Si-CA 030	Yellow Jacket CA502
O2 Sensor Range	0 to 21 vol.%	1 to 20.9 vol.%	0 to 21 vol.%	0 to 25 vol.%	0 to 25 vol.%
CO Sensor Range	0 to 4,000 ppm	0 to 2,000 ppm	0 to 4,000 ppm	0 to 8,000 ppm	0 to 4,000 ppm
CO Sensor Nox filter	Yes	N/A	Yes	Yes	Yes
NO for Nox	N/A	N/A	N/A	optional	optional
Ambient CO	0 to 4,000 ppm	N/A	Yes	Yes	Yes
Field Replaceable Sensor	No	Yes	Yes	Yes	Yes
CO2 Sensor	Calculated Value 0 to 99.9%	Calculated	Calculated	Calculated Value 0 to 99.9%	Calculated Value 0 to 99.9%
Draft	Yes	N/A	Yes	Yes	Yes
Pressure	Yes	N/A	Yes	Yes	Yes
Stack Temperature	up to 752 F	up to 1,202 F	up to 732 F	up to 2,282 F	up to 1,472 F
Ambient Temperature	up to 212 F	up to 113 F	up to 212 F	up to 248 F	up to 248 F
Dilution Pump	N/A	N/A	N/A	N/A	N/A
Bluetooth	N/A	N/A	Yes	Yes	N/A
QR Code Generation	N/A	Yes	N/A	N/A	Yes, all test data can be sent to a client w/out printing
Printer	optional w/ printer kit	24-8512 model	optional	optional	only with CA502-P version
Display	LCD	LCD	Touch Screen	Color Screen	LCD full display
Internal Memory		10 data sets	1,000 jobs	none, but unlimited number of tests via App on a smart device	5 tests
Warranty	2 Years	2 Years	4 Years	2 Years	2 Years
Calibration Certificate	Yes	Yes, but not NIST	Certificate of Conformity	Yes, manufacturer's	Yes, NIST Traceable
Special Features		QR Code for pdf with test results	SensorVault prolongs sensor life	High range CO sensor	High Altitude Adjustment, Cracked heat exchanger test
Wireless App	N/A	Yes	Job Link	Yes	Yes

Comparison Prepared by Valuetesters.com (Table 2)

Feature	Testo 310	MRU AMPRO 1000	TPI DC710C1	Uei C161	Wohler A 450
O2 Sensor Range	0 to 21 vol.%	0 to 21 vol.%	0 to 25 vol.%	EOS CO2 Sensor Technology in place of O2 Sensor 0 to 2,000 ppm (optional H2 Compensated to 10,000 ppm)	0 to 21 vol.%
CO Sensor Range	0 to 4,000 ppm	0 to 4,000 ppm	0 to 10,000 ppm	Yes	0 to 5,000 ppm
CO Sensor Nox filter	Yes	Yes	Yes	Yes	N/A
NO for Nox	N/A	A10773NO model only	N/A	N/A	Optional
Ambient CO	0 to 4,000 ppm	Yes	yes, but don't attach the probe	N/A	Optional
Field Replaceable Sensor	No	Yes	Yes	No	Yes
CO2 Sensor	Calculated 0 to 99.9%	Calculated	Calculated 0 to 99.9%	Calculated 0 to 20%	Calculated
Draft	Yes	Yes	N/A	N/A	Yes
Pressure	Yes	Yes	N/A	N/A	Yes
Stack Temperature	up to 752 F	up to 2,100 F	up to 1,832 F	up to 1,112 F	up to 1,472 F
Ambient Temperature	up to 212 F	up to 212 F	with thermocouple probe	up to 122 F	up to 212 F
Dilution Pump	N/A	N/A	N/A	N/A	N/A
Bluetooth	N/A	Yes	Yes	N/A	Yes
QR Code Generation		N/A	No, data goes to App	N/A	N/A
Printer	optional w/ printer kit	use pdfs from App report	N/A	optional	Optional
Display	LCD	Touch Screen	On Smart Device Only	6 line backlit screen	Color Touchscreen
Internal Memory		1,000 data sets + SD Card	No, data goes to App	30 positions 1 Year, Extendable to 10 Years	1,000 jobs
Warranty	2 Years	2 Years	3 Years		4 Years
Calibration Certificate	Yes	Yes	Certificate of Compliance Reports with GPS Location & Time Stamp	Heat Exchanger Test	Yes, manufacturer's Condensate Protection via Multistage Filter Technology
Special Features					
Wireless App	N/A	Free App	Free TPI App	Free Uei App	Free Wohler App