

SetaCheck® Ethanol SA7500-0

Rapid and precise measurement of Ethanol in Gasoline

- 0% to 100% measurement range
- Portable, handheld
- Less than 5 mL of sample, no flush cycles
- Simple to use
- Automatic temperature measurement and correction
- Rapid test time
- Bright, backlit screen
- Automated and simple calibration via PC software
- Enclosed measurement cell, no evaporation, no cooling required



Technical Specifications

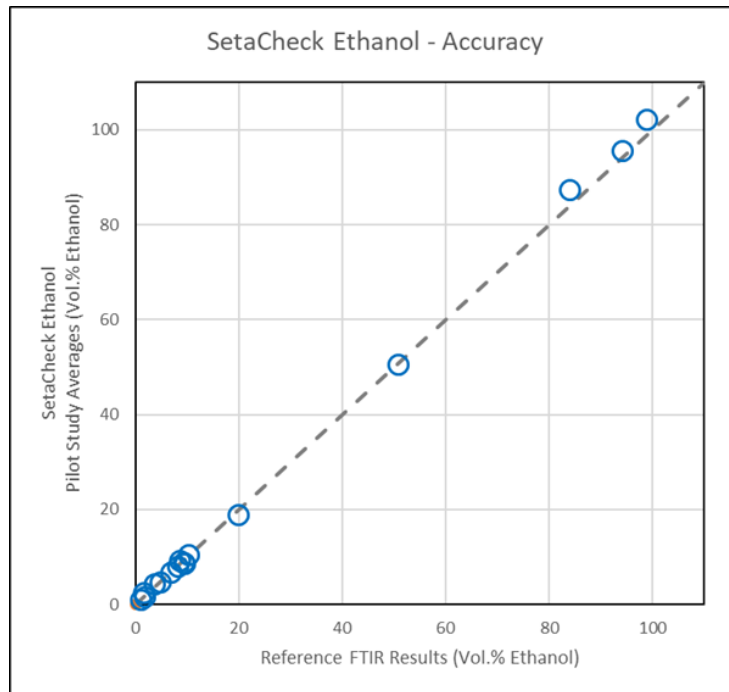
Range	0% to 100%
Operating temperature	5 - 40 °C
Test duration	Less than 1 minute
Measuring units	% by volume
Sample volume	<5 mL sample volume (<10 mL for ultra-low ethanol levels)
Number of tests	In excess of 200 tests saved to device
Charging	Micro USB
Power	Rechargeable Lithium Ion battery*
Size (HxWxD)	36 x 150 x 200 mm

- Provides an in-situ measurement of ethanol content in a gasoline-ethanol fuel blend
- Ideal for fuel terminals, fuel refineries and independent laboratories for fast, accurate measurements

* Meets IATA DGR (UN3481-IP1967)

SetaCheck Ethanol Accuracy

Pilot study to calculate the precision and accuracy of the SetaCheck Ethanol. Samples included ASTM PTP Gasoline samples, ASTM PTP Ethanol samples, Local Gasolines and Gasolines dosed with Ethanol.



Sample	Expected Value (Ethanol (v/v)%)	Measured Result (Ethanol (v/v)%)	% Difference
1	3.00	2.96	-1.3%
2	10.0	9.64	-3.6%
3	20.0	19.60	-2.0%
4	50.0	50.57	1.1%
5	85.0	87.28	2.7%



1) Take sample



2) Press measure



3) Test complete