Know your calculated load and lower your fuel costs by using TCS automatic fuel density measurement.

AUTOMATIC DENSITY MEASUREMENT SYSTEM

» Real-time, continuous, accurate measurement of fuel density
» Easily upgrades current volumetric fuel meters to measure in weight (mass)
» Simple, low cost installation on existing equipment
» Immune to vibration on fuel trucks
» Small and rugged design
» Sampling port available

OUTPUT

» On screen monitoring
» Delivery tickets
» TCS HUB (Optional)

SPECIFICATIONS

» Jet Fuel Range: 0.65 to 0.95 g/cc
» Accuracy: +/- 0.0045 g/cc
» Repeatability: 0.0015 g/cc
» Analog 4-20mA output
» Record: minimum, maximum and average density
» Limit threshold shut down if density is out of tolerance
The TCS 3000 Electronic Register automatically measures density preventing deliveries and misfuels when density is outside scaleable limits.

Flowrate

GAL/min 61.1

Gross GAL 2.7

Density value is out of limits!

Net L 682.668

Jet A Mass 557.930

Volume Corrected to 13 deg C

Density kg/L 0.817
Min. DNS kg/L 0.791
Max. DNS kg/L 0.809
AVG. DNS kg/L 0.809
PEAK DNS kg/L 0.819

System Gross

GAL 9578.4

System Net

L 8391.425

The Standard of Measurement
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