TCSON POINT DENSITOMETER

TOTAL CONTROL SYSTEMS™
The Standard of Measurement



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

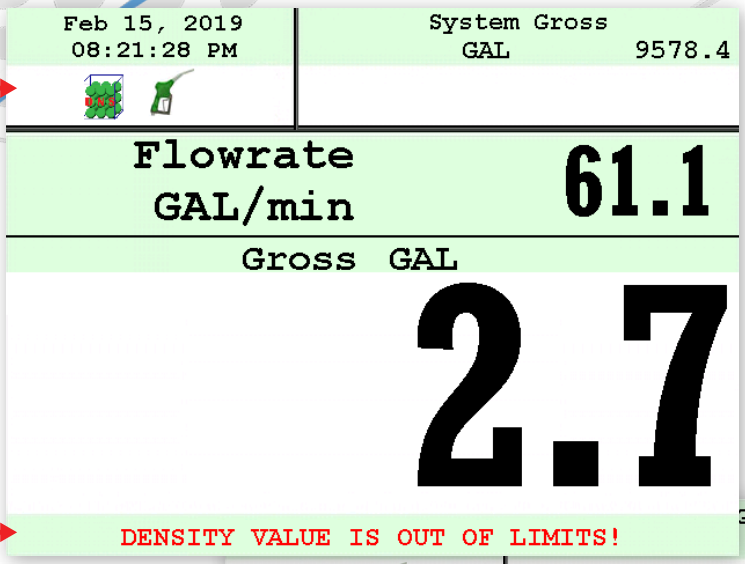
OUTPUT

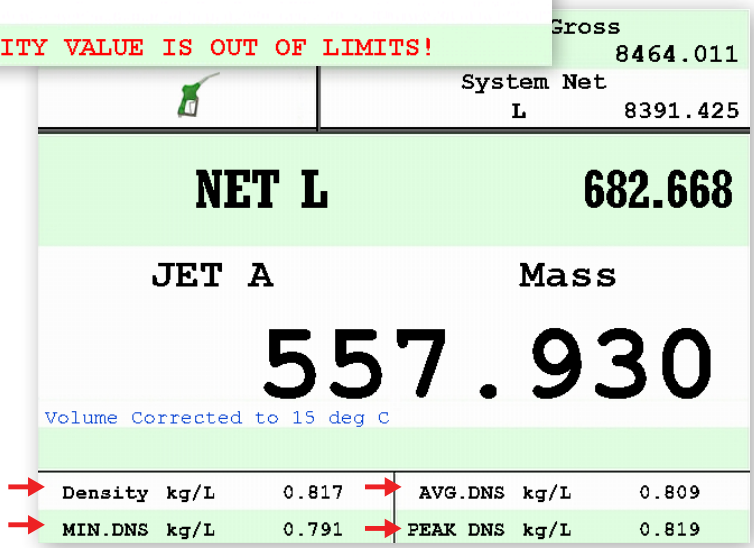
- On screen monitoring
- Delivery tickets
- TCS HUB (Optional)

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

www.tcsmeters.com // (800) 348-4753 // (260) 484-0382 // sales@tcsmeters.com





TOTAL CONTROL SYSTEMS
2515 CHARLESTON PLACE
FORT WAYNE, IN 46808
(800) 348-4753

START Jan 13, 2018 06:36:23 PM
FINISH Jan 13, 2018 06:38:23 PM
PRODUCT Jet A w/ Additive
TICKET NUMBER 100489
TRUCK # 123456 - M1

TAIL # N443AW
AIRLINE/FLIGHT # AAL 2244
AIRCRAFT TYPE B738
EMPLOYEE ID 1295

SYS. GROSS TOTAL BEGIN GAL 6260.3
SYS. GROSS TOTALIZER GAL 6516.3

GROSS Delivered GAL 256.0

NET Delivered GAL 256.4

Volume Corrected to 60F
Average Temperature F 63.4

*** NOT FOR RESALE ***
CALCULATED MASS LB 1757.366
WEIGHT LB/GAL 6.854
PEAK DNS LB/GAL 6.866
ADDITIVE mL 1153.9
ADDITIVE PPM 1001
PEAK CORR. DIFF. PRESSURE PSI 6.4
AVERAGE CORR.DIFF P PSI 6.4
PEAK FLOWRATE GAL/min 191.7
AVERAGE FLOWRATE GAL/min 132.4
PEAK H2O ppm 7.3
AVERAGE H20 ppm 5.2

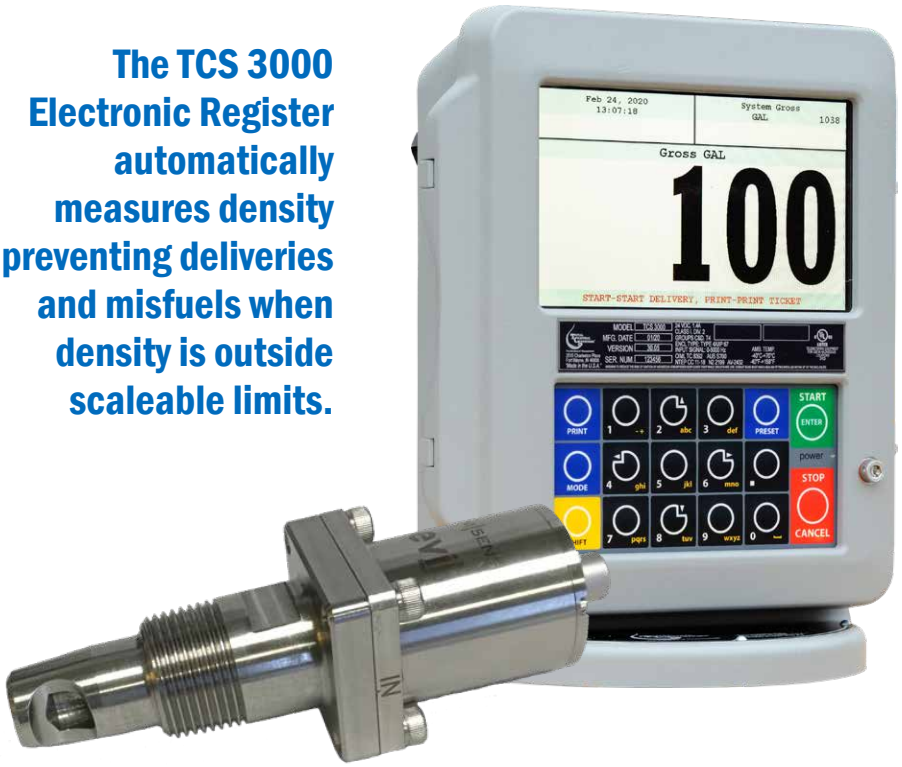
INVENTORY
JET-A 2202

SIGNATURE:_____

THANK YOU FOR FLYING FWA!

WWW.TCSMETERS.COM

The TCS 3000 Electronic Register automatically measures density preventing deliveries and misfuels when density is outside scaleable limits.



Made in U.S.A.

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The Standard of Measurement

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TCS 900042.002