



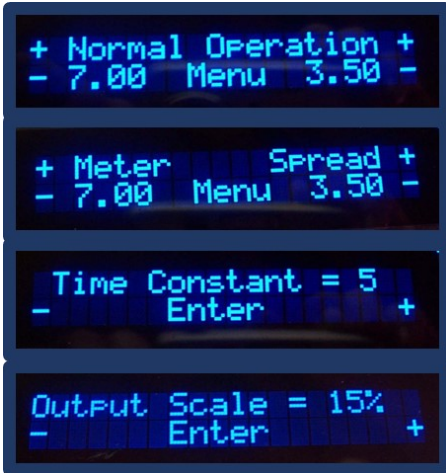
StanCo Scientific, Inc.



**CFR
INNOVATIONS**



- SSD7000 Detonation Meter
- SSD1000 Digital Knockmeter
- SSD7110 D-1 Cable Tester
- SSD7100 Knock Intensity Setpoint Source
- SSD3000 D-1 Pickup Tester



SSD7000 Detonation Meter

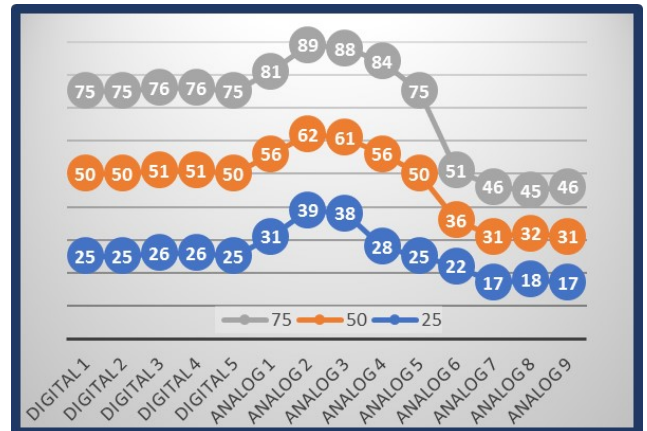
- Modern equivalent to 501-C
- Now within methods D2699 and D2700
- Attractive blue backlit LCD display with 7 multi-function interface
- Drop in compatibility with existing analog knockmeters
- Removes need for old style power supply—uses a modern barrel style plug
- More reliable digital hardware than outdated 501-C meters
- Easily adjust meter and spread values with a touch of a button
- All the familiarity of a 501-C with modern hardware

SSD1000 Digital Knockmeter

- Digital replacement for analog knockmeters
- Capable of achieving knock intensities 0-999
- Available in four colors: Red, green, and yellow
- No confusion or errors when choosing what the knock intensity currently sits during operation
- Large display visible from 100 feet away
- Meters are more consistently linear than compared to analog meters
- All meters calibrated through standardized procedure

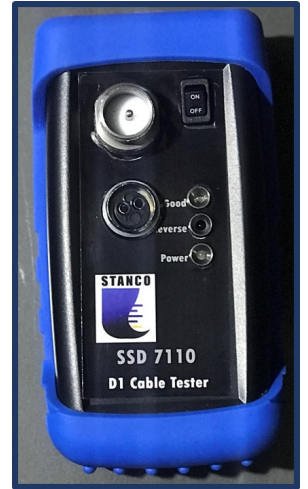


Figure 1: Digital vs Analog comparison from fixed input



SSD7110 D-1 Cable Tester

- Battery operated combustion cable tester
- Determines if cable is working by passing a signal through the cable and determining if it is suitable for engine use
- Provides feedback about reversed leads within combustion cable
- Handheld and portable with a durable rubberized case to provide extra protection from falls



SSD3000 D-1 Pickup Tester

- Bench top tester to determine connectivity of pickups throughout a full thermal range
- Test pickups from ambient to 320 F
- Displays show internal resistance of pickup coil
- Silicone inserts to prevent signal grounding

SSD7100 KI Setpoint Source

- Handheld device to simulate the setpoint on a knockmeter
- Battery operated design can be brought anywhere and easily stored
- Has built in connecting cable for quick operation
- Specifically designed for ESD systems and its calibration procedure
- Simply turn on the SS7110 and dial up or down the required setpoint



Technical Specifications

| MODEL | METHOD | APPROXIMATE SIZE | OPERATING VOLTAGE |
|---------|-----------------------------|----------------------|-------------------|
| SSD1000 | ASTM D2699 & D2700 | 12"W x 4.5"H x 2.5"L | 110V AC |
| SSD3000 | | 16"W x 12"H x 13"L | 110V AC |
| SSD7000 | | 6.5"W x 6"H x 3.5"L | 12V DC |
| SSD7100 | | 3"W x 5.5"H x 2"L | 9V BATTERY |
| SSD7110 | | 3"W x 5.5"H x 2"L | 9V BATTERY |

Application Specifications

| MODEL | APPLICATION |
|---------|---|
| SSD1000 | Digital replacement for analog knockmeters of octane engines |
| SSD3000 | Benchtop D-1 Combustion pickup internal resistance tester |
| SSD7000 | Digital detonation meter for octane engines. Compliant in D2699/D2700 |
| SSD7100 | Knockmeter setpoint unit for calibration procedures |
| SSD7110 | Handheld device to test signal through D-1 combustion cables |

Additional CFR Services:

- Repairs of 501-C Meters
- Sales of refurbished 501-C Meters
- Conversion of 501-T Meters to 501-C
- Repairs/Evaluations of D-1 Pickups
- Sales of refurbished D-1 Pickups
- Repairs of Temperature Controllers
- Repairs of Dual Digital Cetane meters
- Repairs of D-1 combustion cables



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