



## **TEST SYSTEMS INTERNATIONAL, INC.**

27963 CABOT ROAD, LAGUNA NIGUEL, CALIFORNIA 92677 U.S.A.

(949) 582-3163 1 (800) 835-1954 FAX (949) 582-3164

www.tsi-ndt.com Email: sales@tsi-ndt.com

### **Model AMS-21 Ammeter with Shunt Calibration Standard**

The Model AMS-21 is a complete high current Digital Ammeter and removable Meter Shunt built into a durable ABS storage case. Certified to NIST standards that meet or exceed international industry and military meter calibration requirements.

Will measure an AC, FWDC or HWDC with a fast 300msec response time. It has auto hold for storing last reading indefinitely with automatic reset and update after each measurement or may be operated in manual mode. Standard averaging meters may be calibrated to only one type of signal input. Ideal for FWDC systems. Select your choice of FWDC, HWDC or AC when ordering. True RMS meters will measure AC, FWDC or HWDC. Ideal for AC/DC and multidirectional systems.



#### **SPECIFICATIONS**

##### **A. CURRENT AMMETER**

1. Basic Accuracy = 1 % + 2 digits AC+DC  
Mean Average 0-1KHz CF2  
\*True RMS Option = 0-10KHz CF5
2. Input Conversion Time = 280msec
3. Signal Input = 50mv/1500A AC/DC
4. Range = 0.09 to 19.99 x 1000 amperes
5. DPM Display = 3 ½ Bright Red LED  
.56" (14mm) digits

##### **B. METER SHUNT**

1. Basic accuracy = 0.1 % (0 to 85°C)
2. Signal Output = 50mv per 1500 Amps
3. 10% Duty cycle to not exceed 85°C.
4. 4' (1.2m) shunt cable

##### **C. LINE POWER**

1. 115 VAC 50-60 Hz 3VA
2. 4' (1.2m) power cord

##### **D. SIZE**

L x W x H = 12 x 9 x 4 inches  
(31 x 23 x 10 cm)

##### **E. WEIGHT**

10 lbs. (4.5 kg)

#### **OPTIONS AND ACCESSORIES**

1. Either End Connectors for Meter shunt.
2. 220vac 50-60Hz Line Power.
3. AC/DC True RMS Meter