

**MARSH METROLOGY**  
**(905) 331-9783**  
**M&TE CALIBRATION**

DIMENSIONAL		
	RANGE	BMC
LENGTH	UP TO 36"	0.000044"
FLATNESS	ALL	0.000005"

ELECTRICAL		
	RANGE	BMC
DC VOLTS SOURCE	up to 1000 V	1.3 $\mu$ V
DC VOLTS MEASURE	up to 1000 V	1.2 $\mu$ V
AC VOLTS SOURCE	up to 1000 V	4.1 $\mu$ V
AC VOLTS MEASURE	up to 1000 V	5.4 $\mu$ V
RESISTANCE SOURCE	up to 1 GOhm	1.2 mOhm
RESISTANCE MEASURE	up to 1 GOhm	75 $\mu$ Ohm
CAPACITANCE SOURCE	up to 1 mF	15 pF
FREQUENCY SOURCE	up to 600 MHz	0.11 mHz
FREQUENCY MEASURE	up to 10 MHz	0.5 mHz
BANDWIDTH	up to 600 MHz	4.80%
TIME MARKER	up to 5 s	7.8 ps
RISE TIME	3.5 ns	41 ps

THERMODYNAMIC		
	RANGE	BMC
THERMOCOUPLE SIMULATION	up to 1400°C	0.24°C
THERMOCOUPLE MEASURE	up to 1400°C	0.24°C
RTD SIMULATION	up to 800°C	0.09°C
TEMPERATURE MEASURE	up to 300°C	0.06°C

MECHANICAL		
	RANGE	BMC
PRESSURE PNEUMATIC	up to 1000 psi	0.006 psi
PRESSURE HYDRAULIC	up to 12000 psi	0.032 psi
PRESSURE CROSS FLOAT	up to 12000 psi	0.041 psi
TORQUE	up to 750 lbf ft	0.48 lbf in
BALANCES	up to 20 lb	1.6 mg
HARDNESS	HRB,HRC,30T	1.1 HRC

CUSTOMER'S EQUIPMENT
CALIPERS
MICROMETERS
HEIGHT GAUGES
OPTICAL COMPARATOR
DIAL INDICATORS
BORE GAUGES

CUSTOMER'S EQUIPMENT
MULTIMETERS
PROCESS CALIBRATORS
LOOP CALIBRATORS
OSCILLOSCOPES
CLAMP-ON METERS
FREQUENCY COUNTERS

CUSTOMER'S EQUIPMENT
DIGITAL THERMOMETERS
GLASS THERMOMETERS
INFRARED THERMOMETERS
PROCESS CALIBRATORS
CHART RECORDERS
DRY WELL CALIBRATORS
OVENS

CUSTOMER'S EQUIPMENT
PRESSURE GAUGES
PRESSURE CALIBRATORS
PRESSURE TRANSDUCERS
DEAD WEIGHT TESTERS
TORQUE WRENCHES
BALANCES
HARDNESS TESTERS