



TC510 PROBE, PIEZOELECTRIC CERAMIC WAFER, INTEGRATED METAL DIE-CASTING SHELL, PRACTICAL DESIGN OF SEPARATION OF PROBE AND CABLE

UM-4 SERIES PRODUCT DIFFERENCES

FUNCTION	UM-4	UM-4D	UM-4DL
LARGE COLOR SCREEN	✓	✓	✓
A SCAN SNAPSHOT	✓	✓	✓
GAIN ADJUSTABLE IN THREE GEARS	✓	✓	✓
DIFFERENCE CAPTURE / ALARM	✓	✓	✓
PENETRATING COATING FUNCTION	×	✓	✓
DATA STORAGE	×	×	✓
DATAVIEW SOFTWARE	×	×	✓

OTHER PROBES THAT CAN BE PURCHASED

MODEL	PT-08	PT-06	PT-04	TC510	TC550	ZT-12	GT-12
TYPE	STANDARD PROBE	SMALL DIAMETER PIPE	MINIATURE	STANDARD PROBE	COMPOSITE WAFER	COARSE GRAINED CAST IRON	HIGH TEMPERATURE
FREQUENCY	5MHz	7.5MHz	10MHz	5MHz	5MHz	2MHz	5MHz
DIAMETER	11mm	8.7mm	7mm	13.5mm	13.5mm	17mm	15mm
TEST SCOPE	0.8-100mm	0.8-30mm	0.7-12mm	1.2-200mm	1.2-200mm	4.0-508mm	4.0-80mm
TEMPERATURE	-10-60℃	-10-60℃	-10-60℃	-10-70℃	-10-70℃	-10-60℃	BELOW 480 ° C
							

INSTRUMENT PARAMETERS

DISPLAY	2.4 INCH COLOR 320 * 240 DOT MATRIX LCD
WORKING PRINCIPLE	ULTRASONIC PULSE ECHO METHOD AND ECHO ECHO ECHO METHOD USING DOUBLE CRYSTAL PROBE
MEASURING RANGE	0.6 TO 508 MM (0.025 TO 20.00 IN.) DEPENDING ON THE PROBE MATERIAL, AND SURFACE CONDITION USED
MEASUREMENT RESOLUTION	0.01 OR 0.1MM (0.001 OR 0.0LIN), WHICH CAN BE SELECTED IN THE WHOLE MEASUREMENT RANGE
COMPANY	MM OR INCH
GAIN	HIGH, MEDIUM AND LOW GEARS ARE ADJUSTABLE
DISPLAY MODE	THICKNESS VALUE MODE, MIN / MAX VALUE CAPTURE MODE, DIFFERENCE / THINNING RATE MODE
CALIBRATION MODE	PROBE CALIBRATION STOP, ONE-POINT CALIBRATION, TWO-POINT CALIBRATION, DUAL ECHO CALIBRATION
V PATH CORRECTION	AUTOMATIC SOUND PATH CORRECTION TO COMPENSATE THE NONLINEARITY OF DOUBLE CRYSTAL PROBE
MEASUREMENT UPDATE RATE	4HZ, 8HZ, 16Z PER SECOND OPTIONAL
MATERIAL SOUND VELOCITY RANGE	500~9999M/S,0.0179~0.3937IN/US
ALARM SETTINGS	MAX VALUE AND MIN VALUE ALARM, AND THE THICKNESS READING COLOR WILL BE CHANGED DYNAMICALLY DURING ALARM
WORKING LANGUAGE	CHINESE, ENGLISH, JAPANESE, FRENCH, GERMAN AND OTHER LANGUAGES ARE AVAILABLE
WORKING POWER SUPPLY	TWO 1.5VAA BATTERIES FOR 24 HOURS
INSTRUMENT SHUTDOWN	OPTIONAL AUTOMATIC SHUTDOWN AFTER 5, 10 AND 20 MINUTES OF NO OPERATION, OR MANUAL SHUTDOWN ONLY
OPERATING TEMPERATURE	-10 °C ~ + 50, UP TO - 20 °C IF REQUIRED
DIMENSIONS	153MM × 76MM × 37MM(H×W×D)
WEIGHT	INCLUDING BATTERY 280G