

AIR-CALIBRATION AGC (AUTOMATIC GAIN CONTROL)

ATG II

REAL-TIME A-SCAN DIGITAL THICKNESS GAUGE



ATG III

DIGITAL THICKNESS GAUGE



SPECIFICATIONS

	ATG II	ATG III
DESCRIPTION	TECHNICAL DATA	TECHNICAL DATA
OUTSIDE DIMENSION	155×80×35 (mm)	155×80×35 (mm)
WEIGHT	275 g (INCLUDING BATTERIES AND COVER)	275 g (INCLUDING BATTERIES AND COVER)
OPERATING TEMPERATURE	-20~45°C	-20~45°C
POWER	THREE 1.5V AA TYPE BATTERIES	THREE 1.5V AA TYPE BATTERIES
POWER ON/OFF	TRUN ON/OFF BY THE SWITCH	TRUN ON/OFF BY THE SWITCH
BATTERY LIFE	APPROX. 40 HOURS	APPROX. 60 HOURS
SCREEN SIZE	320×240 DOT-MATRIX TRUE COLOR TFT SCREEN	320×240 DOT-MATRIX TRUE COLOR TFT SCREEN
PROBE	DUAL ELEMENT PROBE	DUAL ELEMENT PROBE
MEASURING RANGE	0.65~420 mm (DEPENDING OF THE PROBES)	0.65~420 mm (DEPENDING OF THE PROBES)
DIGITAL RESOLUTION	0.01 mm	0.01 mm
OPERATING PRINCIPLE	PULSE ECHO WITH DUAL ELEMENT TRANSDUCER	PULSE ECHO WITH DUAL ELEMENT TRANSDUCER
VELOCITY RANGE	500~9999 (m/s)	650~9999 (m/s)
PULSER VOLTAGE	150 V, NEGITIVE PULSER	150 V, NEGITIVE PULSER
dB GAIN SETTING	12-52 dB	12-50 dB
UNIT	inch/mm	inch/mm
V-TEST FUNCTION		AUTOMATIC VELOCITY MEASUREMENT
V-PASS CORRECTION	AUTOMATIC CALIBRATION	AUTOMATIC CALIBRATION
LANGUAGE	ENGLISH	ENGLISH
DISPLAY MODE	NORMAL, MIN/MAX CAPTURE, DIFF/PR%, A-SCAN, B-SCAN, LARGE DIGITAL DISPLAY	NORMAL, MIN/MAX CAPTURE, DIFF/PR%, B-SCAN, LARGE DIGITAL DISPLAY
A-SCAN TRACE DISPLAY MODE	FULL WAVE, RF	
DISPLAY	A-SCAN, DIGITAL, B-SCAN	DIGITAL, B-SCAN
A-SCAN SAVE	250 A-SCAN TRACE	
B-SCAN SAVE	250 B-SCAN RECORD	250 B-SCAN RECORD
MEASUREMENT POINT STORAGE	128,000 POINTS WITH 1000 FILE NAME	128,000 POINTS WITH 1000 FILE NAME
LCD LIGHT INTENSITY	ADJUSTABLE 8 STEPS INTENSITY CONTROL	ADJUSTABLE 8 STEPS INTENSITY CONTROL
OUTPUT	USB PORT, 2.0	USB PORT, 2.0
REPORT SOFTWARE	DATA VIEW WITH 32/64 BIT WINDOW SOFTWARE	DATA VIEW WITH 32/64 BIT WINDOW SOFTWARE



OPTIONS

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| 1. TS112 | 8. KYDM-DM5 |
| 2. TS210 | 9. KY DM-DMD-5 |
| 3. TS510 | 10. KY DM-DM HT-5 |
| 4. TS400 | 11. S-4 TEST BLOCK, 2,5,5,10,20 mm |
| 5. TS500 | 12. KY-5S 5 STEP PIPE BLOCK ,5,5,10,20 mm |
| 6. TS600 | 13. KY-5SM 5 STEP PIPE BLOCK 1,2,3,4,5 mm |
| 7. HT510 | 14. KY-7S 7 STEP PIPE BLOCK 1,1.5,2.4,6,8,10mm |

PROBE CABLE

PROBE	CABLE PART NO.	DESCRIPTION
TS112	KY DM-DM-5	DUAL LEMO 00-LEMO00, 1.5 m
TS210	KY DM-DM-5	DUAL LEMO 00-LEMO00, 1.5 m
TS400	KY DM-DMD-5	DUAL LEMO 00-DUAL MICRODOT, 1.5 m
TS500	KY DM-DMD-5	DUAL LEMO 00-DUAL MICRODOT, 1.5 m
TS510	KY DM-DM-5	DUAL LEMO 00-LEMO00, 1.5 m
TS600	KY DM-DM HT-5	ARMORED DUAL LEMO 00-LEMO 00 1.5 m
HT510	KY DM-DM HT-5	ARMORED DUAL LEMO 00-LEMO 00 1.5 m

TYPE	TS112	TS210	TS400	TS500	TS510	TS600	HT510
FREQUENCY	1MHz	2 MHz	10MHz	5MHz	5MHz	5MHz	5MHz
CRYSTAL SIZE	12 mm	10 mm	5 mm	5 mm	10 mm	10 mm	10 mm
MEASUREMENT	2-200 mm	2-250 mm	0.6-40 mm	0.8-60 mm	1.0-350 mm	2-60 mm	3-80 mm
TEMPERATURE RANGE	-10 TO 70 C	-10 TO 70 C	-10 TO 70 C	-10 TO 70 C	-10 TO 70 C	-10-150 C	-10-300 C



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