

# ATG III



## **AIR-CALIBRATION AGC (AUTOMATIC GAIN CONTROL) DIGITAL THICKNESS GAUGE**

The ATG III is an advanced ultrasonic thickness gage. Uses dual element transducer for internally corroded applications, features include thru-coating and echo-to-echo. It light weight and sunlight bright color LCD display. ATG III with large digital, B-SCAN and many functions. It's very good for field thickness corrosion measurement and analysis.

The ATG III is built by high impact ABS housing. The rubber side provides protection for withstanding use in harsh industrial enviromental application





## EAST OPERATOR INTERFACE WITH DIRECT ACCESS TO ALL FUNCTIONS

14:45 10-07-14	
FILE	F 001
PROBE	TS510
UNITS	mm
VELOCITY	5920 m/s
BRIGHTNESS	—
HOME	NEXT

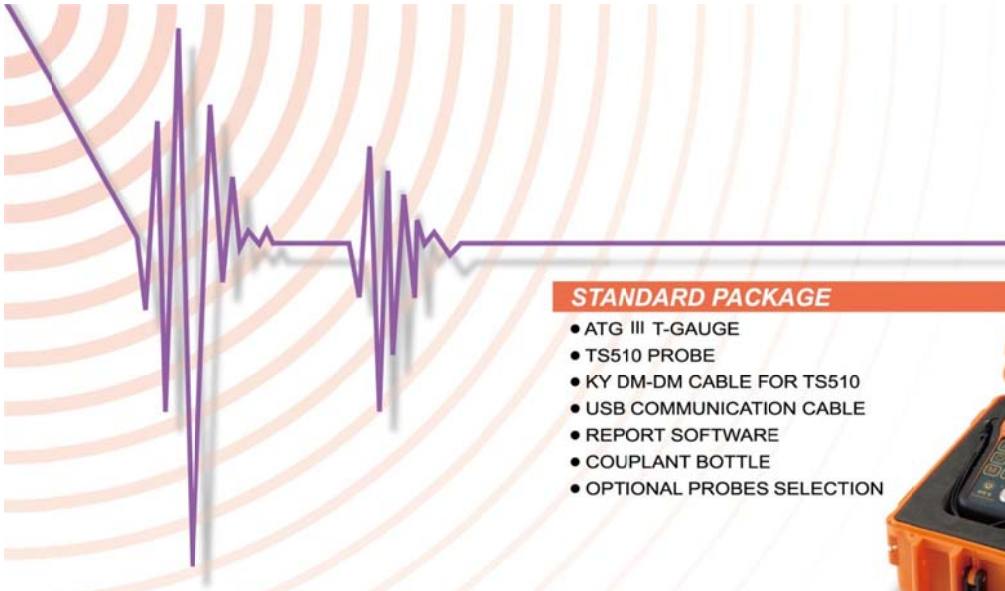
14:46 10-07-14		
THICKNESS	025	
MAX-ALARM	025	
MIN-ALARM	000	
BSCAN MAX	025	
BSCAN MIN	000	
BSCAN FILE	000	
HOME	BSCAN	NEXT



## SPECIFICATIONS

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





**STANDARD PACKAGE**

- ATG III T-GAUGE
- TS510 PROBE
- KY DM-DM CABLE FOR TS510
- USB COMMUNICATION CABLE
- REPORT SOFTWARE
- COUPLANT BOTTLE
- OPTIONAL PROBES SELECTION



**OPTIONS**

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

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

**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



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