

Super-Tester ET-1

MAJOR APPLICATION

Forged auto parts,
Gear materials,
Shaft, Bearing parts,
Rolling roll,
Bar materials, Pipe,
etc

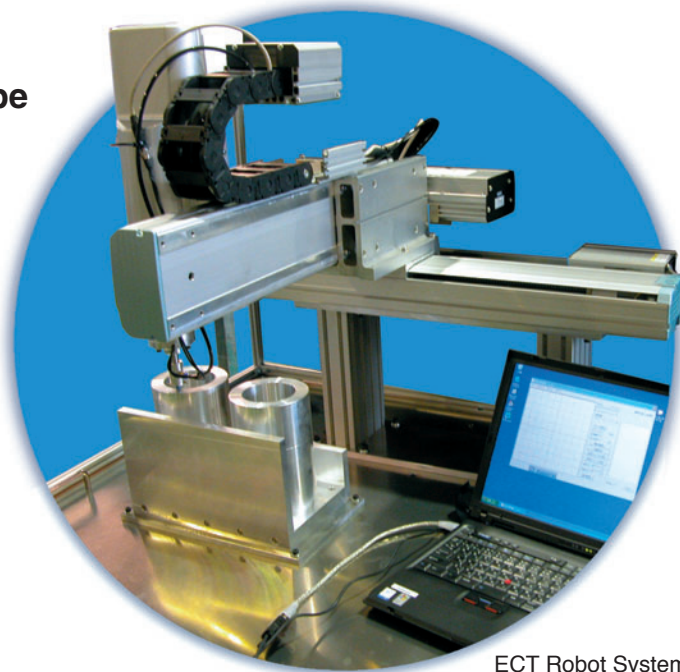
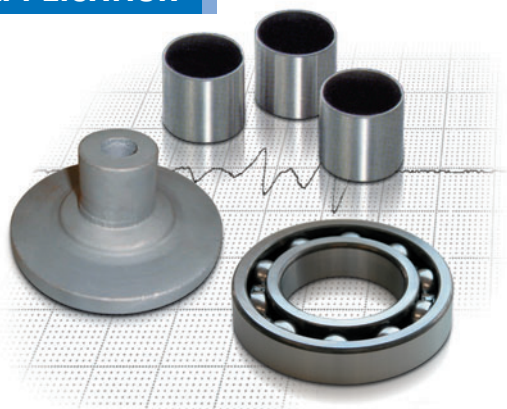


2ch

FEATURES

1. Theta Probe(PAT.) that does not detect Lift-Off Voltage is used!
Surface roughness of the work has less affect to the flaw detection.
2. No need of balance adjusting!
3. Eccentricity of the work shall give less affect to the flaw detection.
Therefore, high performance non-contact parts inspection can be realized!
4. Non-contact means no wearing of the probe!
5. We provide optimum ECT system on customer's examination requirement with ET-1!
6. Most suitable probe to the work can be selected from 3 different probes!

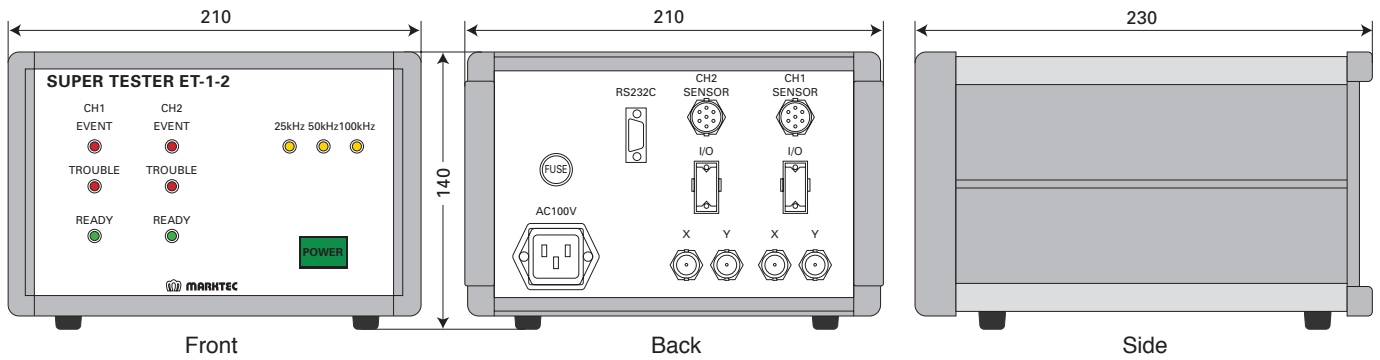
APPLICATION



ECT Robot System



DIMENSION



SPECIFICATION

Super-Tester ET-1 (Instrument)		
Type	1CH Type : ET-1-1	2CH Type : ET-1-2
Dimension	210W×140H×230Dmm	
Weight	About 3.2kg	About 3.5kg
Detection frequency	25KHz·50KHz·100KHz(Remote setting) Frequency setting shall be common for both 2CH.	
Gain	Max.0-60db(Variable) / with function setting	
Phase	360°(Variable) / with function setting	
Operation panel	Power PBL, Frequency LED, Event·Abnormal·Normal LED(each CH)	
Back panel	Power input(AC100V), Fuse(1A), RS232C connector for communication, Probe connector, External I/O connector, Vx·Vy output BNC connector(each CH)	
External I/O	Start(IN)·Event(OUT) : 1 each	Start(IN)·Event(OUT) : 2 each
Analog output	Vx·Vy output (BNC): 1 each	Vx·Vy output (BNC) : 2 each
Function setting	Function setting shall be made with setting software through RS232C communication port. Software shall be supplied as CD-R. Different setting can not be set on 2-channels.(Win.98 Me.& XP)	
Utility	AC100V±15%, 50/60Hz	
Standard set		
Instruments	Body ET-1-1 : 1	Body ET-1-2 : 1
Accessory	<ul style="list-style-type: none"> · RS232C cable(9pin×1500L) : 1 · BNC cable(1500L) : 1set(2pieces) · Function setting software(CD-R) : 1 · Instruction manual : 1 	
Option		
Probe	<ul style="list-style-type: none"> · EP07A(ODφ7mm) · EP11A(ODφ11mm) · L type theta probe(ODφ15~30mm:as requested) · Application frequency : 25kHz·50kHz·100kHz · Probe connection cable(EW1-K-1500L) : respective CH 	
Optional devices	<ul style="list-style-type: none"> · Oscilloscope 	

CAUTION

- Super-Tester ET-1 shall be used with specific probes to have appropriate performance.
- Super-Tester ET-1 is a precision electronic instrument, do not use or store in the following condition.
 - Which may give a shock or a vibration.
 - Where it is moist or may be splashed with water, solvent or another liquid.
 - Where the ambient temperature is beyond the range of 5 - 40°C.

