



FORCE & TORQUE MEASUREMENT  
ISO 9001 & ISO/IEC 17025 ACCREDITED

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**One Button  
Operation!**

## Automatic Wire Crimp Tester

**Model: ACT-220 capacity 220 lbf**

- Destructive and nondestructive test modes
- Force hold duration up to 999 seconds in 1 second increments
- Color-coded LED indicators for Go/No Go testing
- Selectable digital speeds 10/25/50/100 mm/min
- Save up to 26 test configurations in memory
- EL electro luminescent display, highly visible in the dark or bright sunlight
- Time and date stamp
- Selectable units: lbf, kgf, and N
- 1,500 data memory for recall or download (RS-232C output)
- Kit includes, terminal grip, wire cam grip, ACT Logger data acquisition software, USB cable, calibration cert traceable to NIST
- Many optional crimp attachments available

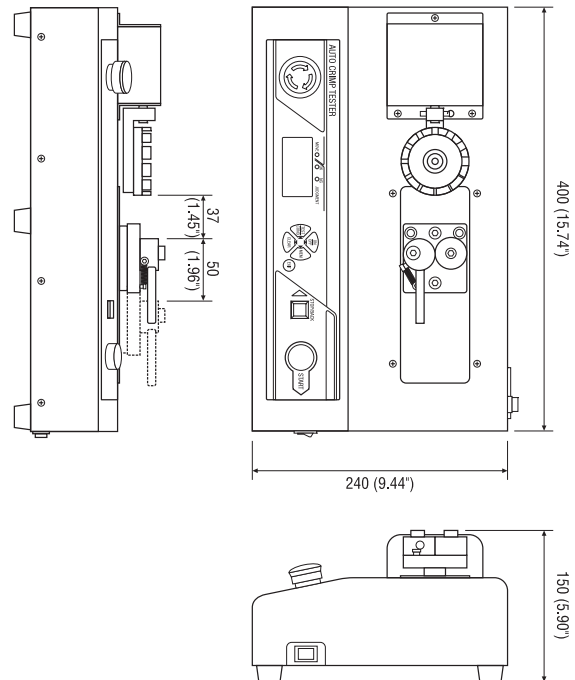


Easy-to-use menus, EL electro luminescent display and keypad simplify crimp test programming. Select units, destructive or non destructive testing and hold duration. Save up to 26 individual wire crimp test profiles in memory.

The wire terminal grip has 12 slots which accommodate wire diameters from 1~8mm.

Press the green button to automatically test a crimped on wire terminal and LEDs indicate OK or NG and peak force is retained on the display. Up to 1,500 results can be saved and recalled from internal memory.

ACT Logger data acquisition software downloads data from the tester memory and/or captures peak data. All tester programming can be set from the software.

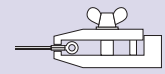


### ACT-220 Specifications

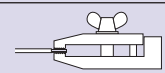
<b>Resolution</b>	0.1 lbf, 1N, 0.1 kgf
<b>Accuracy</b>	±0.5% F.S. ±1 digit
<b>Force Units</b>	lbf, N, kgf (selectable)
<b>Overload Rating</b>	Approx. 150% F.S.
<b>Overload Warning</b>	Approx. 110%
<b>Speed Ranges</b>	10/25/50/100 mm/min or 0.5, 1.0, 2.0, 4.0 in/min (Selectable)
<b>Hold Duration</b>	up to 999 seconds in 1 second increments
<b>Stroke</b>	Approx. 50mm
<b>Sample Diameters</b>	12 slots, 1 to 8mm
<b>Sample Length</b>	100mm (4") or more
<b>Test Modes</b>	BREAK (destructive)/KEEP (non-destructive) modes
<b>Test Profiles</b>	Saves up to 26 patterns (A to Z)
<b>Internal Memory</b>	1500 data
<b>Outputs</b>	USB/RS232C (for printer output)/Judgment signal (OK/NG)
<b>Operating Conditions</b>	0° to 40° Celsius, 20 to 80%RH
<b>Standards</b>	ACT-220 meets test conditions of wire crimp test standards. Review the details of the following standards: UL 486A-486B, ASTM B913, ANSI/EIA-364-38B, MIL-DTL-22520G, NASA-STD-8739.4

### Optional Attachments

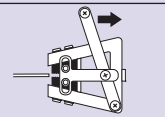
**WG-1** allows the user to set the opening size so the sample slides into the jaws from the side.



**WG-2** grips the actual wire or sample tested with serrated jaws. Ideal for a v variety of shapes.



**KC-100** spring loaded grip is ideal for quick gripping and release of samples.



Specifications subject to change without notice.