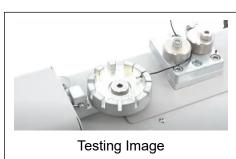


Automatic Crimp Tester ACT-1000N

- Improves test efficiency with one-button operation, providing smooth flow from testing to data saving including OK/NG (pass/fail) judgement
- 2 modes selectable: BREAK mode and KEEP mode
- Capable of saving up to 26 test patterns, immediately recallable to suit various samples
- Complies with the corresponding part of UL and JIS standard





Related Standard -JIS C 2805: 2010 [Crimp-type terminal lugs for copper conductors] (corresponding part only)
 -JIS C 5402-16-4: 2012 [Connectors for electronic equipment-Tests and measurements-

Part 16-4: Mechanical tests on contacts and terminations-Test 16d: Tensile strength

(crimped connections)] (corresponding part only)
-UL 486A-486B: 2013 [Standard for Safety for Wire Connectors-9.3.4 Pullout test]
(corresponding part only)

Features				
	Perfect solution for automatic crimp testing			
Simple sample setting by one hand	Returns automatically after testing	OK/NG (pass/fail) judgement	Saves data in PC or ACT-1000N	Saves up to 26 test patterns
	O Mari	RESULT A PEAK 790 N OK		## 2006 77 (6. 9892 7/2) 1



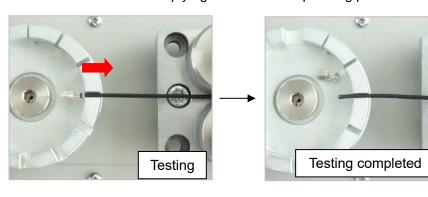




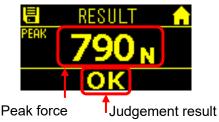
Selectable different test in 2 modes

1. BREAK mode for destructive test

It enables the test complying with the corresponding part of JIS C 5402-16-4: 2012.



The display shows the judgment result and the peak force when the crimp terminal breaks.



2. KEEP mode for nondestructive test to apply specific force for set time

It enables the test complying with the corresponding part of

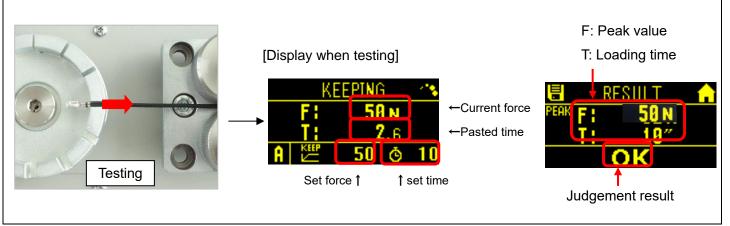
-JIS C2805: 2010 (Keep loading force for 10 sec or more at 25mm/min)

-UL 486A-486B: 2013 (Keep loading force for 60 sec or more)



Set the test condition to

[Keep loading 50N for 10 secs when pulling at 100mm/min]





Specification			
Product Model	ACT-1000N	ACT-1000N-V300	
Capacity	1000N		
Resolution	1N		
Accuracy	+/-0.5% F.S +/-1digit		
Unit	N, kgf, lbf (*1)		
Sampling rate	2000Hz		
Safe overload rating	Approx. 150% F.S.		
Overload warning	110% or less		
Measuring speed	10/25/50/100 mm/min	25/50/100/300 mm/min	
Weasumy speed	(Adjustable from 4 step)	(Adjustable from 4 steps)	
Stroke	Approx.50mm		
Allowable sample	Terminal side: 1-8mm (*2)		
diameter	Harness side: 1-8mm (*2)		
Allowable sample length	100mm or more		
Mode	BREAK/KEEP mode		
Allowable test conditions	26 patterns (A to Z)		
Output	USB/RS232C/pass or fail decision signal (OK/NG)		
Security lock	Emergency stop button and Overload prevention (at the power on)		
Power supply	AC100-240V		
Weight	Approx.11kg		
Size	W400*D240*H150		
Operating environment	Temperature :0-40 degree Celsius, Humidity:20-80%RH		
Accessory	Software, USB cable, Power cord, Inspection Certificate		

^{*1} This is the specifications for International model. Please note the specification is different for Japanese domestic mode.

^{*2} Please contact us when you need to measure smaller size samples.

	Output Test Re	sult	Edit Test Condition
	Crimp Logger	_ = x	
ァイル データ CSV 印刷 設定 ヘルプ		IMADA	■ 試験条件
全国制定	データ		ファイル 本体設定 プリント
121 N NG	試験結果	試験条件	
I Z I N	No. 判定 荷重 時間 日時 2 NG 133N 0 2056/01/11 0:14:52	記号 モード 達度 荷重 タイマー A BREAK 100mm/min 1000 1	-
V. A	3 NG IN 0 2056/01/11 0:15:39	A BREAK 100mm/min 1000 1	記号 名前 モード 速度 荷重 タイマー
験条件(現在設定値) 記号 A	4 NG 87N 0 2056/01/11 0:15:58	A BREAK 100mm/min 1000 1	A SampleA BREAK 100 100 1
	5 NG IN 0 2056/01/11 0:16:27	A BREAK 100mm/min 1000 1	B SampleB KEEP 25 200 10
名前 NO NAME	6 NG 17.6bf 0 2056/01/11 0:17:41 7 NG 11.3bf 0 2056/01/11 0:18:27	A BREAK Sinch/min 100 1 A BREAK Sinch/min 100 1	C SampleC BREAK 100 130 999
E−k' BREAK	8 NG 15.4bf 0 2056/01/11 0:182/	A BREAK Sinch/min 100 1	D SampleD BREAK 100 100 1
速度 100 mm/min	9 NG 0.1bf 0 2056/01/11 1:03:29	C BREAK 7inch/min 100 1	E SampleE BREAK 100 1000 1
荷重 1000 N	10 NG 6.1bf 0 2056/01/11 1:08:58	C BREAK 7inch/min 100 1	F AWG 10 BREAK 50 1000 1
タイマー 1 sec	11 NG 9.6lbf 0 2056/01/11 1:04:21	C BREAK 7inch/min 100 1	G AWG26 KEEP 25 1000 1
変更	12 NG 6.4bf 0 2056/01/11 1:04:50	C BREAK 7inch/min 100 1	H AWG24 KEEP 100 1000 1
	18 NG 9.2bf 0 2056/01/11 1:44:98 14 NG 6.0bf 0 2056/01/11 1:44:55	O BREAK 7nch/min 100 1 C BREAK 7nch/min 100 1	I AWG20 BREAK 50 1000 1
験結果 (統計値)	15 NG 11.1bf 0 2056/01/11 21808	N BREAK 03inch/min 100 1	
記号選択 全データ -	16 NG 12.8bf 0 2056/01/11.21836	N BREAK 0.3inch/min 100 1	J AWG18 KEEP 100 25 10
データ数 174	17 NG 17.7bf 0 2056/01/11 2:18:53	N BREAK 0.3inch/min 100 1	K 1.8sq KEEP 50 100 10
OKBX 8	18 NG 14.8bf 0 2056/01/11 2:19:06	N BREAK 0.3inch/min 100 1	L 2.4sq KEEP 25 200 10
NG #X 166	19 NG 16.1bf 0 2056/01/11 2:20:06	N BREAK 0.3inch/min 100 1	M 0.4sq KEEP 25 100 10
最大荷重 133	20 NG 5.8bf 0 2056/01/11 3:22:07	N BREAK 0.3inch/min 100 1	N NO NAME BREAK 100 1000 10
最小荷重 0	21 NG 0.1bf 0 2056/01/11 3:44:32 22 NG 2.3bf 0 2056/01/11 3:44:35	R BREAK 0inch/min 100 1 R BREAK 0inch/min 100 1	O NO NAME BREAK 100 1000 1
平均値 5.944	22 NG 2.3bf 0 2056/01/11 344:35 23 NG 0.7bf 0 2056/01/11 344:38	R BREAK Onch/min 100 1	P NO NAME BREAK 100 1000 1
標準偏差 2.438	24 NG 0.1bf 0 2056/01/11 3:44:40	R BREAK Binch/min 100 1	
	25 NG 0.1bf 0 2056/01/11 3:44:43	R BREAK Binch/min 100 1	▶ Q NO NAME BREAK 100 1000 1
→ 60周 県	26 NG 0.1bf 0 2056/01/11 3:44:45	R BREAK Binch/min 188 1	□ + 第4 な / ム + / 立つ ,
CSV出力	27 NG 1.7bf 0 2056/01/11 344:47	R BREAK 0inch/min 100 1	試験条件を読み出す
lata (Peak Fo	rce OK/NG judgem	ent, Date&Time, Test	Collectively edit the test condition up to 26 pa
	ioo. Oivito laaacii	ont, Datourino, rost	Concoursely cuit the test contained up to 20 pe



Operating Environment for the Supplied Software	
OS	Windows 7/8/8.1/10
Hardware	CPU: Pentium4(1GHz or more) or more is recommended.
Plat form	Memory: 2GB or more is recommended.
Execute environment	Hard disk (data storage area): 10GB or more is recommended.
Connection port	.NET Framework4.6 or later
os	Microsoft Internet Explorer 6 or later
Hardware	Windows installer 3.1 or later
Plat form	USB1.1, USB2.0 connector * Operation in USB 3.0 has not been verified.

Related Products		
Jig for round terminals: ACT-T-01	Jig for rod terminals: ACT-T-02	Warning light (Custom-made)
It is designed easily to fix round	It grips a small terminal such as a rod	It clearly shows the test
terminals. The allowable diameter is	terminal which has a same diameter	judgement result.
φ3/5/8 mm.	as the wire.	

RS232C Printer



Please prepare the printer by yourself. It prints out test condition and results when RS232C connecting.

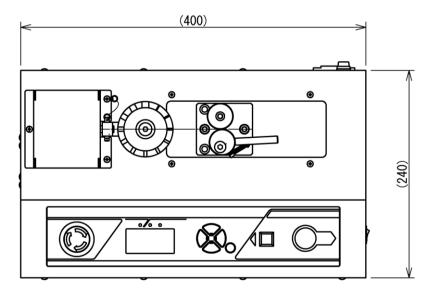
Recommended device: BL2-58 (Sanei Electric INC.)

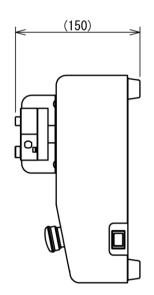
Required IMADA RS232C cable: CB-208

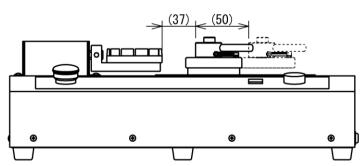
Related Applications			
Simple test by manual tester	Test by motorized test stand	High-capacity wire crimp pull test	
Configuration DSV-500N / LH-500N	Configuration ZTS-500N / MX2-500N / CB-518 / FW-12 / GP-30	Configuration ZTS-2500N / MX2-2500N / CB-518 / CH-5000N / CW-5000N	



[Dimension]



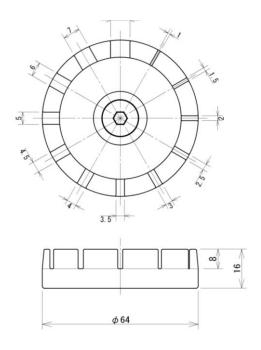




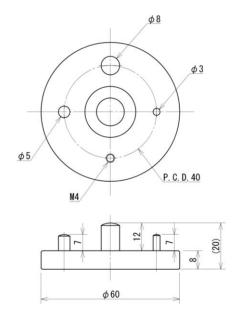
Trench	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6,		
dimensions of	7, 8 (mm)		
Wire Terminal Jig			
Allowable	1-8 (mm)		
diameter of wire			
clamp jig			

Please contact us when you need to measure smaller size sample.

Wire Terminal Jig (Supplied)

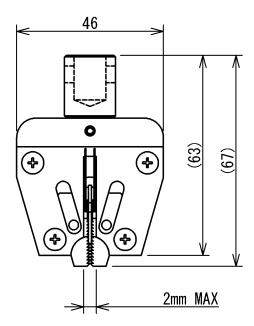


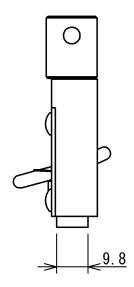
Wire Round Terminal Jig: ACT-T-01 (Option)





Rod Terminal Jig: ACT-T-02 (Option)





Unit: mm

[Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- Please note that the capacity may be different depending on the displayed unit.
- Do not use this product in the environments including fierce temperature changes, high temperature, high humidity, near water, dusty place.

IMADA CO., LTD.

99, Jinnoshinden-Cho, Aza, Kanowari, Toyohashi, Aichi 441-8077, JAPAN

Tel: +81-(0)532-33-3288 Fax: +81-(0)532-33-3866 E-mail: info@forcegauge.net

Website: http://www.forcegauge.net/en/



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