

PRODUCT INFORMATION

AIR LEAK TESTER

LZ-1550 is Air Leak Tester specialized for testing the small sealed products.
 Application examples: Small electronic devices such as Relay, Crystal oscillator,
 Image sensors, Water-proof mobile phone components and more.



LZ-1550
*Air Leak Tester specialized
 for Small Sealed WORK*

Feature



Low Running Cost	With clean air, the pre/post-process such as drying process is not necessary
Large Variety of Test	Various kinds of parts/components can be tested by just exchanging the capsule fixture.
Gross Leak Test	For electrical components etc require the test by Helium detector, combination use of LZ-1550 allows no dead band test. (Helium detector is not included)
Judgment Lamp	Judgment lamp gives the easy visual test result information
High Performance DPS	DPS resolution is 0.1Pa thanks to high performance DPS and AD converter
Durable Air Operated Valve	Cosmo-developed Air operated valve ensures the durable and stable test
16 Channels	Ideal for testing various kinds of parts / components.
RS-232C Output	Test data can be stored in PC via RS-232C communication

Functions

Display	Full-dot LCD with back light
Limit Setting	2 levels limit setting : WORK Large/Small NG (HH/Hi-NG), MASTER Large/Small NG(LL/Lo-NG)
Drift Compensation	Mastering, Autodrift compensation
Self-Diagnosis	Air operated valve, Sensor, CPU operation check and so on
Mastering Request Output	Date, Interval & the number of times, waiting time , the number of times exceeding limit

Test Unit	Leak	Pa,kPa,mmH ₂ O,inH ₂ O,mmHg, mm ³ /sec, mL/min, Pa·m ³ /sec
	Test Pressure	kPa, MPa, PSI, kg/cm ² , bar, mbar, mmHg, cmHg, inHg, mmH ₂ O
	K(Ve)	mL, L
Channel	Channel (0~15), Channel copy	
Detection Timing	Judgment at the end of DET or instantly after Exceeding limit	
Serial Communication	Format selection (I/ID/T/L), Baud rate change	

■ Specifications

D P S	Resolution	0.1 Pa (Standard)
	Display	±999Pa (Standard)
	Range	0~±1000Pa (Standard)
	Proof Pressure	5 MPa
U N I T	Test Pressure	kPa, MPa, PSI, kg/cm ² , bar, mbar, mmHg, cmHg, inHg, mmH ₂ O
	Leak Rate	Pa, kPa, mmH ₂ O, inH ₂ O, mmHg, mm ³ /sec, mL/min, Pa·m ³ /sec
Leak Display		3 digits (Floating point), Sampling rate 10 times/sec
Leak Limit Range		±999.999Pa (Standard)
Channels		16ch (0~15)
Timer Setting		Up to 999.9 sec (Resolution 0.1 sec)
Power Source		AC100~240V±10%, 50/60Hz, 100VA max (Attached cable should be used under AC125V)(Internal solenoid: DC24 V)
Pressure Source		Clean and dry air
Pilot Pressure		Clean and dry, 400~700kPa

Tube Diameter	Rc 1/4 (Pressure source, WORK&MASTER tubing, Pilot pressure)	
CPU	16 BIT CPU	
Temperature	5~40 °C	
Humidity	80 %RH max, no condensation	
Weight	約 36 kg	
Serial Port	I Format ID Format (Default)	Lea, and setting parameter output
	T Format	Leak data only output
	L Format	Large leak data included
	P/F Printer Format	Data, setting parameter output
Accessory	Filter regulator for Pilot pressure, Interface connector, Power supply cable (3m), Inspection Record, Operation manual	
Option	High voltage power supply cable (250V2m), Certificate of Non-Applicability (overseas)	

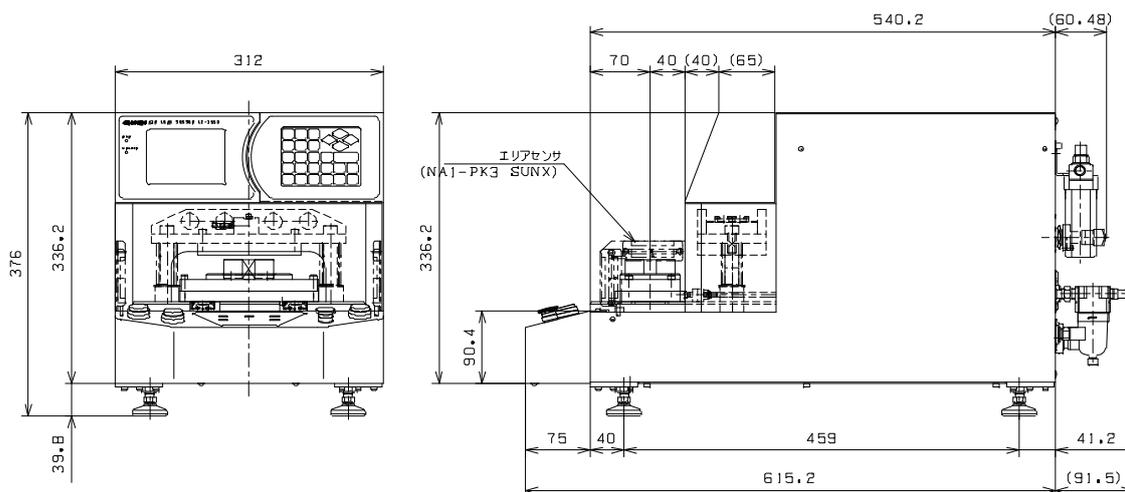
■ External Appearance



Display & Keypad



Judgment Lamp



※The information described in this document is correct as of October, 2013. The specifications are subject to change without prior notice

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