

Model DT Series

(Battery) Pressure Durability Tester



DESCRIPTION

DT Series is designed and manufactured for the purpose of performing durability test by pressure cycle of Vent part and OSD part, which are key safety parts for secondary batteries.

NEOSENS INSTRUMENT has been providing customers with various solutions for durability test of secondary battery parts.

FEATURES

- ✓ Secondary battery safety component durability test
- ✓ Vent / OSD(Membrane)
- ✓ PC Based control & DAQ
- ✓ CE,UL available



* Available

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Model Name	Test Channel	Environmental test chamber	Capacity [Kgf/Cm ²]	Test Speed [(Kgf/Cm ²)/Sec]	Test gas		Test Part	
					Air	N2	Vent	OSD
DT-3000	3	O	~10	0.05~2	O	(O)	O	O
DT-3000RT	3	X	~10	0.05~2	O	(O)	O	O

Note

- 1) Mounting/detaching and initial setting of the sample must be done manually.
- 2) A jig for upper and lower parts is required for each model or sample.
- 3) The LR-3000 Model includes an environmental chamber that can impart temperature and humidity conditions.
- 4) Model LR-3000RT is designed to perform pressure cycle test at room temperature.
- 5) The cycle test can be performed up to 10 bar, but when using general compressed air as the pressure source, it can be limited to 4 to 5 bar.
However, a cycle test of up to 10 bar is possible if the conditions to supply high-pressure nitrogen are met.

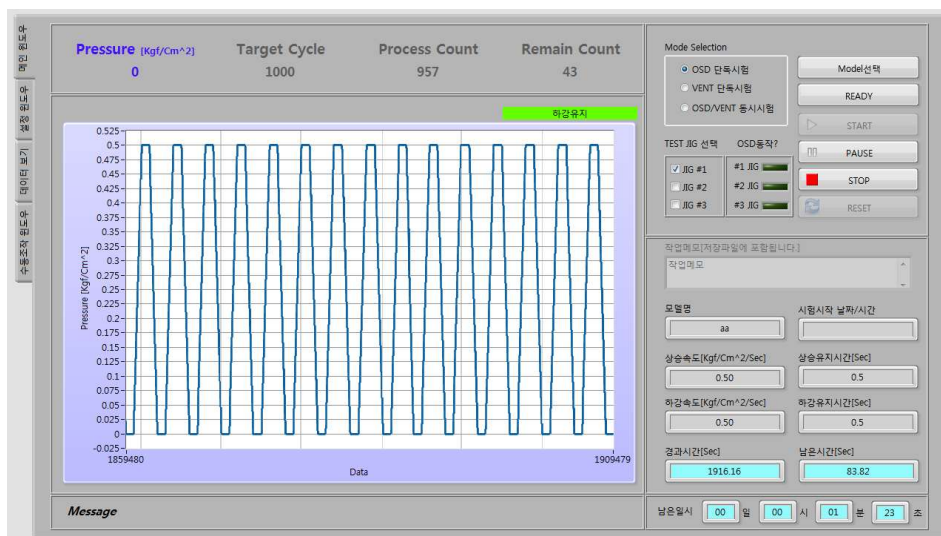
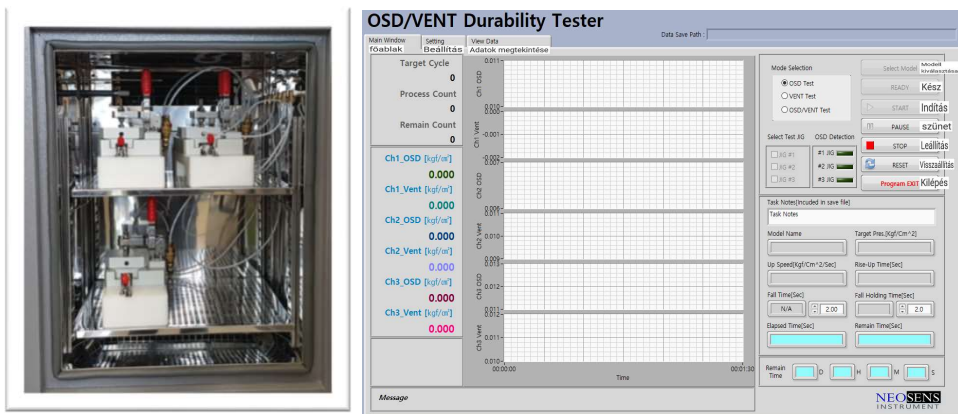
DT Series

Model Name	Power souce		
	AC220 1Φ	AC220 3Φ	AC380 3Φ
DT-3000	X	O	O
DT-3000RT	O	X	X



* Available

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NOTES

1. All equipment can be manufactured after specification discussion and confirmation with the customer.
2. The type and specification of the tool to be used for the test should be decided after consultation before submitting the quotation.
3. For specifications that are changed or added after the contract, depending on the scope, it may be paid or free of charge.
4. As it is a facility manufactured exclusively for each customer, CE and UL certification can be carried out individually.
5. The contents of this specification are subject to change without notice, check and confirmation of specifications must be conducted after consultation with the responsible salesperson.

Warranty. NEOSENS INSTRUMENT warrants goods of its manufacture as being free of defective materials and faulty workmanship.

NEOSENS INSTRUMENT's standard product warranty applies unless agreed to otherwise by NEOSENS INSTRUMENT in writing; please refer to your order acknowledgement.

For more information visit our website.

www.neosens-ins.com or call +82-31-8014-2500

Email inquiries to info.neosens-ys@neosens.co.kr

WARNING

PERSONAL INJURY

- DO NOT USE Do not use this product for any purpose other than the secondary battery crush test.

Failure to comply with these instructions could result in death or serious injury.

WARNING

MISUSE OF DOCUMENTATION

- The information presented in this catalogue is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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