

## Model IP Series

### Impact Tester



### DESCRIPTION

IP Series is manufactured to be suitable for international standard test for impact test on secondary battery. Especially, IP Series provides the best results in research/development/test/verification by grafting NEOSENS's own advanced DAQ technology.

### FEATURES

- ✓ Including explosion proof chamber [No temp. control]
- ✓ Actuator air cylinder , AC servo motor
- ✓ Burning materials in the test space are completely excluded.
- ✓ Full remote control via ethernet
- ✓ Various DAQ available
- ✓ CE,UL available



\* Available

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Model Name	Impact Weight [kg]	Actuator		Test Chamber		Test Height adjust
		AC Servo	Air Cylinder	Temp. Control	Explosion Chamber	
IP-A	9.1 [ $\pm 0.05$ ]	X	O	X	O	610 $\pm$ 50 [Manual]
IP-S	9.1 [ $\pm 0.05$ ]	O	X	X	O	610 $\pm$ 200 [Auto]
IP-T	9.1 [ $\pm 0.05$ ]	(O)	(O)	O	(O)	610 $\pm$ 200 [Manual/Auto]
IP-O	Order made type	-				-

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Model Name	Power source		
	AC220 1 $\Phi$	AC220 3 $\Phi$	AC380 3 $\Phi$
IP-A	O	X	X
IP-S	O	X	X
IP-T	O	X	X
IP-O	O	X	X

Note

Power source can be discussed.



\* Available

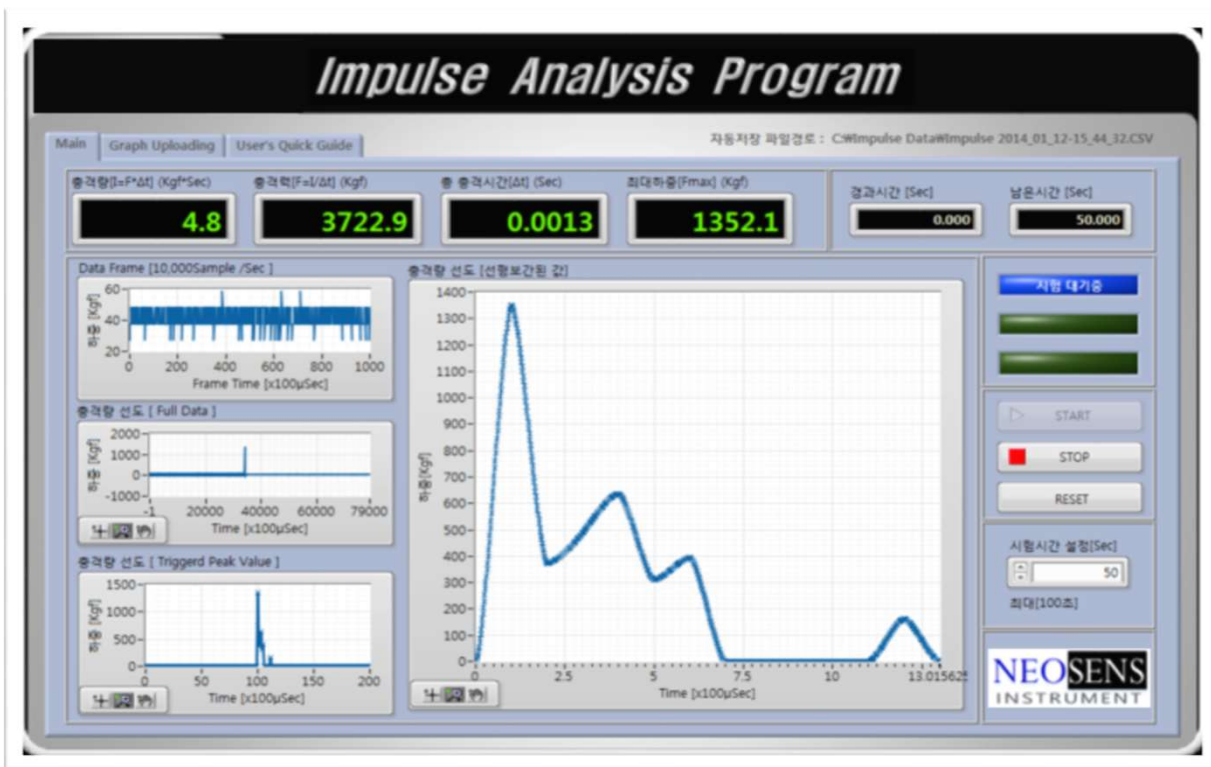
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## Special Option

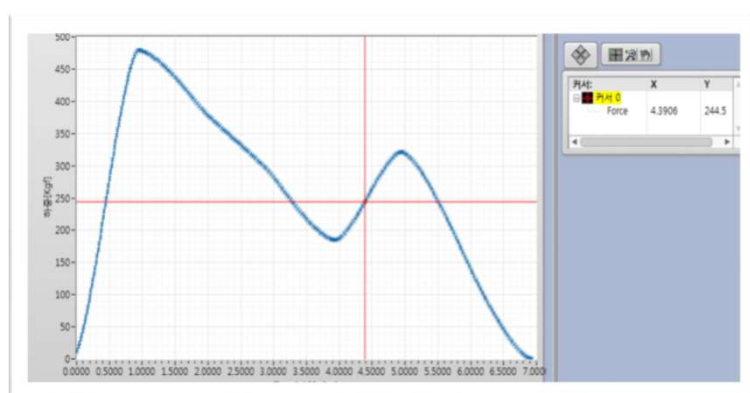
### Impact Analyzer

It is an analysis device that can analyze the actual amount of impact in the impact tester. In addition, the Impact Analyzer can be applied and used in test and evaluation devices in which impact loads act.

It comes with impulse analysis software and a detection sensor that detects the impulse. If you are using a laptop, it has a structure that is simple to move and install. For more information, please contact our Technical Sales department.

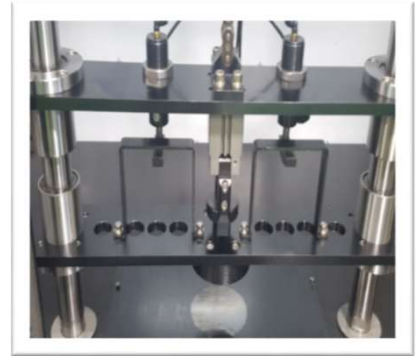
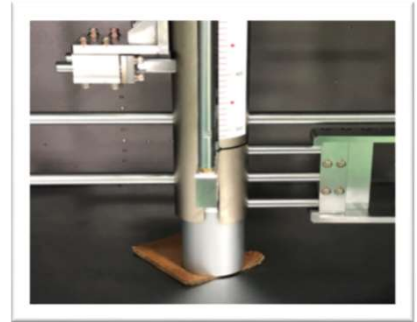


Time[Sec]	Impact Force[Kgf]
0	0.9
0.000002	2.7
0.000003	5.1
0.000005	8.2
0.000006	11.5
0.000008	15.4
0.000009	19.7
0.000011	24.4
0.000013	29.3
0.000014	34.5
0.000016	40
0.000017	45.8
0.000019	52.1
0.00002	58.7
0.000022	65.6
0.000023	72.6
0.000025	79.7
0.000027	86.9



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## NOTES

1. All equipment can be manufactured after specification approval 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](http://www.neosens-ins.com) or call +82-31-8014-2500

Email inquiries to [info.neosens-ys@neosens.co.kr](mailto: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.**

Sensing & Automation Control Solutions  
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