

DW5415A/B Pendulum Charpy Impact Tester



Model NO.

DW5415A/B

Application:

DW5415A/B Pendulum Charpy Impact Tester is used for impact toughness testing of nonmetal material, such as thermoplastic materials, rigid plastic, fibre reinforced composites, nylon, glass fiber reinforced plastics, ceramics, cast stone, electrical insulating material, and so on. The tester is common testing equipment, which widely used in education school, scientific research units and factories.

Standards:

STANDARDS	ISO179	GB/T 1043	GB/T 2611
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Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.



Features:

- Founded with the whole structure, and through aging treatment to relief internal stress, with good rigidity and steadiness
- Key parts are produced with quality material and processed by special process.
- In full compliance with standards, easy operation and higher precision and repetition
- The result is shown by the dial.

Key Specification:

- Impact energy: DW5415A: 0.5J、1J、2J、4J、5J
DW5415B: 7.5J, 15J, 25J, 50J
- Moment of pendulum: DW5415A: pd0.5=0.26795Nm, pd1=0.53590Nm
pd2=1.07180Nm, pd4=2.14359Nm
pd5=2.67949Nm
DW5415B: pd7.5=4.01924Nm, pd15=8.03848Nm
pd25=13.39746Nm, pd50=26.79492 Nm
- Division value: DW5415A: 0.005J (0~0.5J), 0.010J(0~1.0J)
0.020J (0~2.0J), 0.040J(0~4.0J)
0.050J (0~5.0J)
DW5415B: 0.075J (0~7.5J), 0.150J (0~15.0J)
0.250J (0~25.0J), 0.500J (0~50.0J)
- Impact velocity: DW5415A: 2.9m/s
DW5415B: 3.8m/s
- Impact center distance: DW5415A: 230mm
DW5415B: 395mm
- Pre-elevation of pendulum: 150°
- Angle of striker tip: (30±1)°
- Corner radius of impact edge: (1±0.1)mm
- Display mode: dial type
- Power supply: 100VA, AC 220V, 50HZ
- Dimension DW5415A: 420×520×650mm
DW5415B: 550mm×300mm×890mm



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Standard configuration:

Model	Item			
	Main machine	Pendulum	Weight	Centering plate
DW5415A	1 set	2pcs	4pairs	1pcs
DW5145B	1 set	2pcs	4pairs	1pcs

Optional Configuration:

No.	Item	Quantity
1		