

JB-500B/JB-W500A

IMPACT TESTING MACHINE



JB-500B



JB-W500A

Features

It is mainly used to determine the anti-impact capability of ferrous metal materials with high toughness, especially for steel and iron and their alloy, under dynamic load.

This machine can be operated semi-automatically. The pendulum of the machine can be raised or released automatically. Be applicable for continuing testing in different kinds of laboratories and other metallurgy industrial manufactories.

It is designed and developed according to national standard GB/T3808-1995 "Pendulum Impact Testing Machine" and ISO148-2, ASTM, and do impact test for metal material according to the GB/229-1994 "Charpy Impact Test Method for metals".

Technical Specification

Max. striking energy	250J, 500J
Pendulum preparing angle	150°
Distance between pendulum center and impact point	800mm
Impact velocity	5.4m/s
Span of specimen seat	40mm
End face radius of specimen seat	1~1.5mm
Radius of impact knife	2~2.5mm
Angle of impact knife	30°±1°
Thickness of impact knife	16mm
Specifications of specimen	10×10×55mm
Net weight	About 550kg
Dimension	800×578×1450mm
Power supply	3 phases 4 lines, 50Hz, 380V
Power of motor	180W