

CCS-10



Over **60** years of
consistent excellence



Electronic Cold Crushing Strength Testing Machine



Touch Screen Operation



Precise Compressive Load Measurement



User Friendly Software





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Electronic Cold Crushing Strength Testing Machine Model : CCS-10

The crushing strength is the highest compressive load that can totally break an iron ore pellet. The pellet is compressed between two parallel faces at a constant speed of 0.5 to 250 mm/min for the duration of the process. The testing device has a 10 kN load capacity and can apply force uniformly between 0.5 and 250 mm/min.

The machine comes equipped with a 10kN load cell for measuring load, a load indicator with facilities for displaying load, keeping the displayed value at the peak load value, and an automated stoppage feature at the maximum or breaking load.



Technical Specifications : CCS-10

Load Frame		
Test Load in compression direction	10	kN
Frame Type	C-Frame body	
Height - H-1 (Approx.)	725	mm
Width - B-1 (Approx.)	325	mm
Depth - T-1 (Approx.)	550	mm
Vertical Clearance with punch	60	mm
Vertical Clearance without punch	115	mm
Test Stroke	60	mm
Weight of machine	200	kg
Drive System		
Punch Speed	0.5 to 250	mm/min
Drive system travel resolution	0.001	mm
Measurement & Control of electronics		
Load & Motion control system	Close loop system	
Force measurement	Load cell	
Force resolution	0.001	kN
Displacement resolution	0.001	mm
Interface	HMI	
PC Software	Optional	
Test Data output (Export)	USB	
Electrical Supply Data		
Main supply frequency	50	Hz
Electric Supply	230	V,1ph

Manufactured By :



Fuel Instruments & Engineers Pvt. Ltd.

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