

# 5E-HA60×50

## Hardgrove Grindability Index Tester

### Standard Configuration

Main analyzer  
Grinding bowl  
Grinding balls  
Sample loading assisting tools  
Weights  
Sieves (Available for ASTM/GB/ISO standard)  
Standard Reference Material



### Application

5E-HA60×50 Hardgrove Grindability Index Tester is designed to measure the grindability of coal, which is widely applied in coal industry, power plant, metallurgy and chemical industry.

### Features

#### High Automation

1. Auto-lifting of grinding bowl, auto-loading weights, auto-counting of revolution.
2. The operation is limited to only put the sample into the bowl for grinding, screen out the samples before grinding and after grinding, and enter the mass of two screen residues, then the HGI value will be calculated and printed out automatically.

#### Compact Structure

1. Built-in motor ensures the safety of operators, provides low noise environments.
2. Small space occupied and no moving parts exposed by integrated structure.

#### Intelligent Control

1. Real time displaying of working status and working process with intelligent control.
2. Built-in program of linear calibration curve, realizes automatic calculation.

### Specification

Model	5E-HA60×50
Conforms to Method	ASTM D409/409M, ISO 5074, GB/T 2565
Spindle Speed of Determinator	20±1r/min
Revolution of Determinator	60r
Mass of Test Sample	50g
Vertical Pressure of Grinding	284±2N
Diameter of Grinding Steel Ball	Φ25.4mm
Working Noise	<65dB
Sample Size	0.63mm-1.25mm
Power Supply	Single phase, AC220V±10%, 50/60Hz, 200W
Net Weight	85kg
Dimensions (L×W×H)	385mm×435mm×695mm
Additional Tools Required: Sieve according to relative standards. Sieving Shaker and Crusher.	