

# Hard Grove Index Tester

## Overview

The HGI (Hardgrove Grindability Index) Tester is a precision instrument designed to determine the grindability of coal and petroleum coke according to ASTM D409 standard. It provides a reliable and standardized method to assess the ease of grinding various solid fuels.



## Key Features

- High-precision grinding mechanism for accurate HGI determination
- Sturdy and compact design for laboratory environments
- User-friendly operation with easy sample loading
- Consistent and repeatable test results
- Built-in safety features to ensure operator protection
- Low maintenance requirements

## Included Accessories

- Grinding ring and steel balls
- Digital counter display
- User manual

## Optional Accessories

- Reference sample for calibration (4x1kg)
- Sieves ISO 3310-1/2 (16 mm, 4.75 mm, 2.36 mm, 1.18 mm, 0.600 mm, 0.075 mm)

## TECHNICAL SPECIFICATIONS

<u>Parameter</u>	<u>Specification</u>
Standard Compliance	ASTM D409
Grinding Load	29 ± 0.2 kg (64 ± 0.5 lb)
Number of Steel Balls	8 (25.4 ± 0.13 mm diameter each)
Grinding Bowl Capacity	50 ± 0.01 g sample
Rotational Speed	20 revolutions per minute
Total Revolutions per Test	60 ± 0.25 revolutions
Power Supply	220-240V, 50/60Hz (Other options available upon request)
Motor Power	0.25 kW
Weight	74 kg
Dimensions	420 x 470 x 550 mm (L x W x H)

