



NG-CoreGrind 1000 Semi-Automatic Core Grinding Machine

Standards: [ASTM D4543](#), [EN 12390-3](#), [EN 12390-1](#), [ASTM C31](#), [ASTM C192](#), [ASTM C617](#), [ASTM C39](#)



ULTIMATE USER-FRIENDLINESS



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Description

NextGen's [Semi-Automatic Core Grinding Machine](#) is quickly becoming the preferred alternative to the traditional rubber or sulfur capping method used by Quality Construction Labs.

Ideal for commercial testing labs and large producers, the machine can grind concrete specimens, rocks, natural stones, tiles, block pavers, and ceramic materials. It provides a safer, healthier option with superior surface finish and flatness.

This machine is a practical and efficient solution for preparing numerous cylinders for testing, reducing wait times associated with capping compounds.

Semi-Automatic Core Grinding Machine Features

- Grinding wheel rotates, and the arm-wheel moves the wheel over the sample surface.
- Maximum tolerance on the flatness of load-bearing surfaces is 0.050 mm for concrete samples.
- Perpendicularity deviation of the side to end faces is 0.5° for core samples.
- Painted steel parts to prevent corrosion.
- Locking wheels for easy transport.
- High-quality genuine diamond cutting wheel for an accurate, smooth finish.
- In-built water spray for cleaning.
- Complies with CE safety standards, including emergency stop and locking mechanism.
- In-built drain filter, easily removable for cleaning and maintenance.

*** Request a [formal quotation](#) or send an e-mail to sales@nextgentest.com for the most up-to-date pricing and applicable discounts and incentives.**