

XTRIM

XTRIM, Controls' new fully automatic grinding machine has been designed with accuracy in mind, to ensure the precise grinding and polishing of concrete cylinders and cubes and similar hardened materials.



High Capacity and Versatile

- Suitable for cylinders (Ø38-160 mm) and cubes (100-150 mm)
- Customizable grinding programs
- Water-cooled diamond grinding wheel for precise finishing
- Adjustable grinding parameters: wheel speed, lateral pass speed, carriage approach speed, finishing time
- LC-controlled grinding cycle with variable speeds for roughing and finishing

Robust and Safe

- Fully enclosed system preventing dirt splashes and dust
- Mechanical movement of the diamond disk and sample tray with minimal maintenance
- Integrated water recirculation system, no need for external water supply
- Compact design and safety lock system prevents door opening during operation



Geo-Con Products Pty Ltd

Testing Equipment for the Construction Industry

53 Granite St., Geebung QLD 4034 Australia

sales@geo-con.com.au | www.geo-con.com.au



Precision and Efficiency Combined

Intuitive 7" touchscreen capacity color display for easy setting grinding and polishing programs coupled with physical buttons to make start/stop easier

Easy clamping system for sample positioning, holding and automatic movement of the cradle

Grinding performed with water-cooled diamond disk for efficient material removal and smooth finishing

Optimized for grinding multiple samples with different shapes and sizes

Protective cover equipped with an electrical safety lock prevents accidental door opening while the grinding wheel is in motion

Integrated water recirculation system eliminates the need for an external water supply, reducing installation requirements and maintenance



Technical Specifications

Grinding Capacity	Cylinders: Ø100-160 mm (cradle included), Ø50-100 mm and Ø38-50 mm (cradle as opt.) Cubes: 100-150 mm side (cradle as opt.)
Max Sample Length	320mm
Operation	Physical buttons + 7" touchscreen
Clamping System	Easy clamping with adjustable crosshead
Water System	Integrated 45L tank with recirculating pump and dust decanting system
Safety	Protective cover with electrical lock
Grinding Wheel	Ø220 mm
Weight	295 kg
Dimensions	900 x 800 x 1600mm (WxDxH)

Ordering Information

55-C0203
220-240V / 50-60 Hz / 1ph

Accessories

C0203/1
Cradle for up to 3 cyls(Ø50-100 mm)

C0203/3
Cradle for up to 3 cyls (Ø50-100 mm)

C0203/3
Cradle for cubes 100 mm and 150 mm

C0203/6
Lever clamp

C0203/8
Spare grinding wheel