

## Specimen Preparation

### Core Drill

Cores may be cut from regular or irregular samples of rock or other material for end preparation prior to strength testing. Side guards and a drain tray provide protection against water spray and a sliding front allows access to the specimen clamp. The clamp provides maximum orientation for securing irregular block samples.

#### Specification

<i>Dimensions (l x w x h)</i>	500 x 500 x 1160 mm
<i>Drill head travel</i>	630 mm
<i>Drill speeds</i>	350 and 900 rpm
<i>Weight</i>	80 kg

#### Ordering Information

**EL70-0095/01**

**Core Drill**

For 220 – 240 V AC, 50 Hz, 1 ph

#### Accessories

##### Core Drilling Barrels

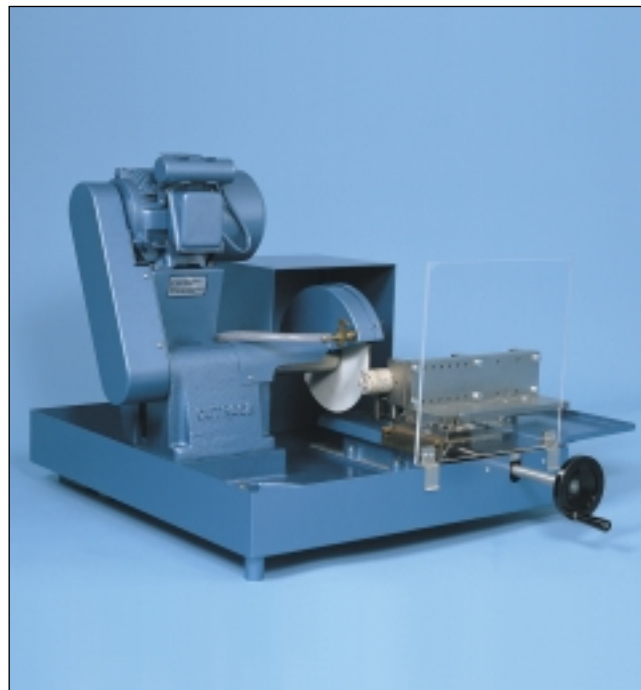
Diamond surface set type with threaded solid back end to suit EL70-0095/01 Core Drill.

<i>Model number</i>	<i>Core size</i>	<i>Core diameter</i>	<i>Effective core depth</i>
EL70-0165	1.5 in	1.5 in	300 mm
EL70-0195	NX	55 mm	300 mm

#### Coolant Recirculation Pump Unit and Tank

see EL70-0310/01

EL70-0095/01 Core Drill shown with Core Drilling Barrel



EL70-0250/01  
GSP210/250 Core Trimmer/Cut-off Machine, shown with cutting disc

### GSP210/250 Core Trimmer/Cut-off Machine

This unit, designed for use in Rock Mechanics, can also be used in mineralogy, ceramics and refractory sample preparation. Cores in excess of 140 mm length and cubes up to 100 mm square can also be prepared.

#### Specification

<i>Dimensions (l x w x h)</i>	406 x 915 x 760 mm
<i>Two vices supplied</i>	1– Regular and Irregular samples up to 70 x 125 mm 1– V-vice cores up to 57 mm diameter x 140 mm long
<i>Blade capacity</i>	200 mm
<i>Rated power</i>	750 W
<i>Weight</i>	103 kg

#### Ordering Information

**EL70-0250/01**

**GSP210/250 Core Trimmer/Cut-off Machine**

For 220 – 240 V AC, 50 Hz, 1 ph

#### Accessories

**EL70-0270**

**Abrasive Cutting Disc.** Diamond-set cutting edge for trimming core ends. 200 mm diameter with centre securing hole 12.5 mm diameter. Maximum depth of cut is 127 mm.  
*Weight 500 g*

**EL70-0290**

**Double-faced Cup Wheel.** Diamond-set faces. 175 mm diameter x 19 mm face width, for finishing core ends parallel and at right angles to the longitudinal axis.  
*Weight 1.2 kg*