

# EXTRUDERS

## 101-S0114 Series

### 101-S0114-100 Universal Extruder

A "Universal Extruder" is a flexible tool. These extruders adapt to different needs, offering quality material choice, simple design and scalability.

Suitable for Marshall, CBR and proctor sample 4", 6", 100 mm and 150 mm to be easily removed from the mould.

Dimension— $\phi 280 \times 446$  (H)  
Ram Travel : 183 mm—243 mm  
Approx weight: 40 kg

#### Features -

- The Engineering Precision is high and accurate in construction, guaranteeing quality and reliability in the final output.
- Multiple tasks into a single tool,

Unit includes -  
100mm Plunger  
150mm Plunger  
100mm Mould Adapter ring



### 101-S0114-200 Universal Marshall Extruder

Simple light weight purpose designed extruder for Marshall moulds

#### Technical Specifications

Product dimension—350 (L) x 260 (W) x 490 (H) mm  
Ram Travel : 120 mm  
Approx weight—17 kg

Unit includes -  
100mm Plunger  
150mm Plunger  
100mm Mould Adapter ring



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## 101-S0114 Series

**MatCivTest**  
MATERIAL CIVIL TEST EQUIPMENT

### 101-S0114-300 Motorised Vertical Extruder 101-S0114-350 Motorised Vertical Extruder with Inverter for variable speed

Used for a smooth and rapid extrusion of soil and asphalt specimen with minimum disturbance. The unit can extrude for CBR and Marshall sample. The extruded sample is held in place by a receiving table adjustable in height and easily lowered along side of the machine. The Motorized Vertical Extruder come complete with adaptor to extrude sample having diameter 100 mm and 150 mm.

Dual Button Safety system

Inverter Speed control

Technical Specifications

Force Max 150kN

Dimension—430 (L) x 640 (W) x 960 (H)

#### Speed

101-S0114-300 fixed speed 94 mm/minute

101-S0114-350 Extruder speed range 50-150 mm/minute

Maximum extrude length—250 mm

Power—380 - 415 V, 3 ph, 50/60 Hz, 1100W

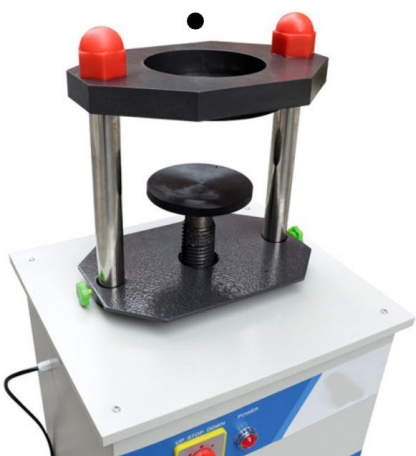
Approx weight—130kg

Unit includes -

100mm Plunger

150mm Plunger

100mm Mould Adapter ring



**www.matcivtest.com.au** - visit for links to our stock range  
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## EXTRUDERS

### 101-S0114 Series

#### 101-S0114-400 Universal Horizontal Screw Extractor

##### 38 to 150 mm dia

Extruding Soil Samples

The hand operated unit extrudes samples from  $\varnothing$  38 to  $\varnothing$  150 mm with maximum stroke of 650 mm.

Dimension (mm) : 1700 (L) x 700 (W) x 1200 (H)

Max. Stroke : 680 mm (H) Approx.

Weight : 121 kg

Set consists of -

Sample extrusion kit set  $\varnothing$  38 mm (1 set)

Sample extrusion kit set  $\varnothing$  50 mm (1 set)

Sample extrusion kit set  $\varnothing$  100 mm (Proctor) (1 set)

Sample extrusion kit set  $\varnothing$  150 (CBR) (1 set)

Optional accessories:

101-S0114-410 U4 Tube Sample Extrusion Kit Set

101-S0114-420 U3 Tube Sample Extrusion Kit Set

101-S0114-430 U2 1/2 Tube Sample Extrusion Kit Set

101-S0114-440 U2 Tube Sample Extrusion Kit Set



#### 101-S0114-500 Universal Extruder Vertical Long Stroke

##### 38 to 150 mm dia

A free seating unit with hand pump and hydraulic jack. This Vertical Universal Extruder has maximum extruding force of 3 tons and a total ram stroke of 500 mm. The extruder head can attach all range of adaptors to enable specimens to be extruded from 38 to 152 mm diameter specimens.

All the extruder kits have to order separately.

Dimension (mm): 610 (L) x 540 (W) x 1240 (H)

Maximum Force: 3 tons

Ram Diameter: 30 mm Max.

Ram Stroke: 500 mm

Approx. Weight: 45 kg

Optional accessories:

101-S0114-510 Adaptors Kits Set (38, 50, 100mm, Core Cutter, Marshall)

101-S0114-520 Mould, Proctor & CBR Moulds)

101-S0114-530 Adaptor Kit Set for U4 Tube

101-S0114-540 Extension Plunger Rod 250mm Lg

101-S0114-550 Sample Tubes  $\varnothing$  38 x 230 mm (L)

101-S0114-560 Sampling Tube c/w End Cap -  $\varnothing$  50mm x 230mm (L)



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