

## HİRA TESTING EQUIPMENT

### SOIL LATHE

Designed to reduce by trimming the diameter of a soil sample unit is reaching the desired diameter size by using a wire saw.

Soil Lathe can trim and Extrude samples from 35 mm to 100 mm diameter. It should be used together with Open Wire Saw.

The lathe is hand-operated, the height is adjustable up to 230 mm.

Open Wire Saw, Wires, Trimming Knife should be ordered separately.

#### Technical Specifications:

| Product Code | Product Name | Dimensions (cm) | Weight (kg) |
|--------------|--------------|-----------------|-------------|
| HR-S6350     | Soil Lathe   | 30x30x35        | 27          |

#### Spare Parts & Accessories:

| Product Code | Product Name     |
|--------------|------------------|
| HR-G0753     | Open Wire Saw    |
| HR-G0754     | Wire. Pack of 12 |
| HR-G0755     | Trimming Knife   |



HR-G0753  
WITH  
HR-G0754



HR-S6350



HR-G0755

## PARTICLE SIZE ANALYSIS OF SOILS

### HYDROMETER TEST SET

STANDARDS: ASTM D422; AASHTO T88

This equipment is used to determine the quantitative size distribution of very fine particle in soils such as clay and silt.

Two models are available.

HR-S6450 Hydrometer Test Set is Supplied with Hydrometer Water Bath, Circulation Pump, Heater, High Speed Stirrer, 6 x 1000 ml Sedimentation Cylinder, 0,995 to 1,038 g/ml range 151 H Hydrometer, 1 kg Sodium Hexametaphosphate and 600 ml Beaker.

HR-S6460 Digital Hydrometer Test Set is Supplied with Digital Hydrometer Water Bath, Circulation Pump, Heater, High Speed Stirrer, 6 x 1000 ml Sedimentation Cylinder, 0,995 to 1,038 g/ml range 151 H Hydrometer, 1 kg Sodium Hexametaphosphate and 600 ml Beaker.

The Hydrometer Water Bath, circulation unit, ambient to 35°C working temperature, 50 L capacity tank with 8 pieces Sedimentation cylinder capacity. The Water Bath is available in two models one with Analogue and the other one with Digital Indicator.

High Speed Stirrer operates at over 10,000 rpm, includes dispersion cup, stirring paddle, automatic switch-on by positioning bowl.

-5 to 60 g/l range 152 H Hydrometer should be ordered separately.

#### Technical Specifications:

| Product Code | Product Name                | Dimensions (cm) | Weight (kg) | Power Supply          |
|--------------|-----------------------------|-----------------|-------------|-----------------------|
| HR-S6450     | Hydrometer Test Set         | 35x65x45        | 25          | 220 V, 50-60 Hz, 1 ph |
| HR-S6460     | Digital Hydrometer Test Set | 35x65x45        | 26          | 220 V, 50-60 Hz, 1 ph |



HR-S6410