

**SO-430**

**Speedy Moisture Tester ( SO-430 )**

**AASHTO T-217**

For determining the moisture content of soil by means of calcium carbide gas pressure meter.

Type	Parts Name	Specification	Qty
<b>SO-432</b>	<b>Speedy Gauge</b>	M/C range 0-20%, sens : 0.2%, sample weight 20 gr	1 Pc
<b>SO-434</b>	<b>Speedy Balance</b>	Brass beam, Cast aluminium frame, 10 gr counter balance	1 Pc
<b>SO-436</b>	<b>Calcium Carbide</b>	Calcium carbide	1 Can
<b>SO-437</b>	<b>Crushing Ball</b>	Steel ball	2 Pc
<b>SO-438</b>	<b>Cleaning Brush</b>	Wooden/plastic holder	1 Pc
<b>SO-439</b>	<b>Carrying Case</b>	Wooden case with handle	1 Pc
Dimension (l x w x h) : 45 x 45 x 30 cm			
Gross Weight : 15 kg			

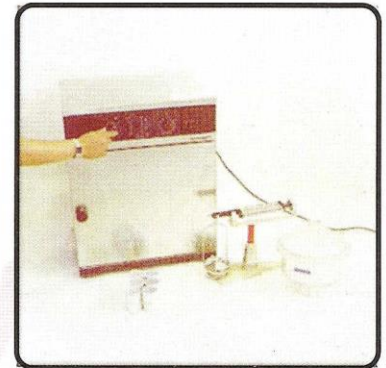
**Moisture Content Test Set**

For determining moisture content of soil sample.

Type	Parts Name	Specification	Qty
<b>GE-150</b>	<b>Cent O-Gram Balance</b>	311 gr cap., 0.01 gr sens	1 Pc
<b>GE-174</b>	<b>Drying Oven</b>	53 ltr capacity, internal dimension (l x w x h) 400 x 400 x 330 mm 220 V, 1400 W	1 Pc
<b>GE-390</b>	<b>Thin Box</b>	Aluminium, 60 gr capacity	12 Pc
<b>GE-451</b>	<b>Dessicator</b>	Transparent glass, 24 cm dia, approx.	1 Pc
Dimension (l x w x h) : 80 x 80 x 110 cm			
Gross Weight : 100 kg			

Also required, but not part of this set:

**GE-455 Silica Gel**



**SO-450**

**Unconfined Compression Machine ( SO-500 )**

**ASTM D-2166**

For determining stress strain relationship of cohesive soil without confining pressure.

**AASHTO T-208**

Type	Parts Name	Specification	Qty
<b>SO-501</b>	<b>Unconfined Compression Machine</b>	Cast aluminium, gear box, adjustable height of top platen, hand operated 200 kg capacity	1 Set
<b>SO-502</b>	<b>Sample Tubes</b>		
Consist of :			
<b>SO-502.1</b>	<b>Sample Tubes</b>	35.0 mm dia x 70 mm height	1 Pc
<b>SO-502.2</b>	<b>Sample Tubes</b>	47.5 mm dia x 95 mm height	1 Pc
<b>SO-502.3</b>	<b>Sample Tubes</b>	70.0 mm dia x 140 mm height	1 Pc
<b>SO-503</b>	<b>Split Sample Tubes</b>		
Consist of :			
<b>SO-503.1</b>	<b>Split Sample Tubes</b>	35.0 mm dia x 70 mm height	1 Pc
<b>SO-503.2</b>	<b>Split Sample Tubes</b>	47.5 mm dia x 95 mm height	1 Pc
<b>SO-503.3</b>	<b>Split Sample Tubes</b>	70.0 mm dia x 140 mm height	1 Pc
<b>SO-504</b>	<b>Extruder</b>		
Consist of :			
<b>SO-504.1</b>	<b>Extruder</b>	34.5 mm dia x 71 mm height	1 Pc
<b>SO-504.1</b>	<b>Extruder</b>	47.0 mm dia x 96 mm height	1 Pc
<b>SO-504.1</b>	<b>Extruder</b>	69.5 mm dia x 141 mm height	1 Pc
<b>SO-505</b>	<b>Trimmer</b>	Steel frame, 3 tubes size	1 Set
<b>GE-101.1</b>	<b>Proving Ring</b>	100 kg capacity	1 Set
<b>GE-137</b>	<b>Dial Indicator</b>	Range 30 mm x 0.01 mm	1 Pc
<b>GE-390</b>	<b>Thin Box</b>	Aluminium, 60 gr capacity	12 Pc
<b>GE-840</b>	<b>Wire Saw</b>	10 cm length approx.	1 Pc
Dimension (l x w x h) : 80 x 40 x 40 cm			
Gross Weight : 50 kg			



**SO-500**

Also required, but not part of this set:

**SO-450** Moisture Content Test Set  
**GE-700** Stop Watch