



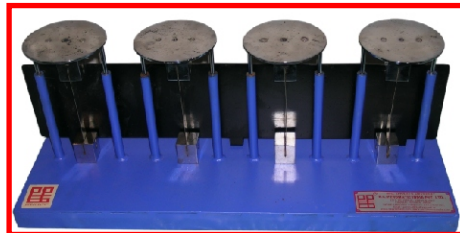
## MATERIAL TEST

### Column Test Apparatus - BSPIL-CVL-ENV-020

The four column with different fixtures is subjected to load and the characteristic changes were studied.

#### Specification :

Over all Dimension - 600x300x300mm  
 Test Specimen - Steel  
 Weights - 150mm  
 Weighing Pan - 10mm  
 Dial Stand - 0.5mm  
 Dial gauge - 1 kg ( 4 Nos)



### Beam Test Symmetrical - BSPIL-CVL-ENV-022



The effect of load acting on a beam is studied by this apparatus. Provisions for load and point of action is provided. The entire set up is a table top setup, rigid in construction and powder coated.

#### Specification :

Over all Dimension - 1100x300x300mm  
 Load point - 7pts

Weights - 500 gms/0.5kg (7 Nos)  
 Weighing Pan - 7 Nos.  
 Dial Stand - 1 No  
 Dial gauge - 0-10mm deflection 1 No

### Beam Test Unsymmetrical - BSPIL-CVL-ENV-020

The Effect of load acting on a cantilever beam is studied by this apparatus. Provision for the fixture on one side is provided. The entire set up is a table top, rigid in construction and powder coated.

Specification :  
 Over All Dimension - 1100 x 300 x 300 mm  
 Weights - 500 gms (3 nos)  
 Weighing Pan - 1 no  
 Dial Gauge Stand - 1 no  
 Dial Gauge - 0-10mm (1no)





**ENVIRONMENTAL LAB**

**P<sup>H</sup> METER DIGITAL-BSPIL-CVL-ENV- 001**

**TIRBIDITY METER -BSPIL-CVL-ENV- 002**

**CONDUCTIVITY METER -BSPIL-CV-ENV-003**

**REFRIGERATOR-BSPIL-CVL-ENV-004**

**BOD INCUBATOR MEMMERT TYPE-BSPIL-CVL-ENV-005**

**MUFFLE FURNACE - BSPIL-CVL-ENV-006**

**HOT AIR OVEN -BSPIL-CVL-ENV-007**

**MAGNETIC STIRRER-BSPIL-CVL-ENV-008**

**DESICATOR GLASS-BSPIL-CVL-ENV-009**

**JAR TEST APPARATUS KIPPS TYPE-CVL-ENV-010**

**WATER-BATH COMPLETE SS-BSPIL-CVL-ENV-011**

**MICROKJELDAHL & SOXHLET APPARATUS-BSPIL-CVL-ENV-012**

**HEATING MANTLES-BSPIL-CVL-ENV-013**

**ELECTRICAL STRAIN GAUGE-CVL-ENV-014**

**DIGITAL STRAIN INDICATOR-CVL-ENV-015**

**PYROMATIC SOIL & CEMENT TESTING INSTRUMENTS**

BSPIL/CVL/SCT -130	AGGREGATE CRUSHING VALUE PYROMATIC Apparatus : size 75 mm
BSPIL/CVL/SCT-131	Aggregated Impact Testing MA
BSPIL/CVL/SCT-132	BAL MILL SIZE PYROMATIC with Motor A 300mm ½ H.P single phase, B 450mm one H.P. 3 phase motor
BSPIL/CVL/SCT-133	BEAM MOULD PYROMATIC A 10cm with Base plate B 15cm do-
BSPIL/CVL/SCT-134	BLAIN AIR APPARATUS PYROMATIC B. Cell for permeability C. Filter Cutter & sietion Bulb
BSPIL/CVL/SCT-135	BRTIQUETTE MOULD:IS:269
BSPIL/CVL/SCT-136	C.B.R. APPARATUS : (LAB Type) PYROMATIC California bearing ration test app. a. 5 Tonnes capacity but without dial guage & proving ring.  b. Motorised PYROMATIC c. Dial Gauge .01mm*25mm d. Providing Ring
BSPIL/CVL/SCT-137	CBR MOULD 150MM DIAL b. 175MM HIGH c. made of Gun-Metal
BSPIL/CVL/SCT-138	CEMENT AUTOCLAVE :IS:4031-1968 Inside made of Mild steel PYROMATIC
BSPIL/CVL/SCT-139	COMPACTION FACTOR APPARATUS: IS: 1199 PYROMATIC

**PYROMATIC SOIL & CEMENT TESTING INSTRUMENTS**

BSPIL/CVL/SCT-140	CONCRETE MIXER (LABORATORY) PYROMATIC a. Electric  b. Hand operated
BSPIL/CVL/SCT-141	CUBE MOULDS a. Steel Cube 5*5*5 cm b. Steel cube 2.78 inches (70.6mm) c. 10cm*10cm*10cm ciron d. 15cm*15cm*15cm ci e. 20cm*20cm*20cm ci
BSPIL/CVL/SCT-142	CYLINDRICAL MEASURES IS: 2386 (Part III) a. 3 Litres Capacity PYROMATIC b. 10 Litres Capacity PYROMATIC c. 20 Litres Capacity PYROMATIC  CYLINDRICAL MOULDS: PYROMATIC d. 15cm dial * 30 cm high e. 10cm dial * 20 cm high
BSPIL/CVL/SCT-144	DENSITY BASKET PYROMATIC 20 CM. b. Brass Mesh
BSPIL/CVL/SCT-145	DEVEL ABRASION TESTING MACHINE: IS: 2386 (Part IV) PYROMATIC
BSPIL/CVL/SCTS-146	DIRECT SHEAR APPARATUS PYROMATIC a. Hand ope. Without dial gauges b. Dial Guage 0.01 * 25mm  c. Proving Ring 200 Kg Tested
BSPIL/CVL/SCT-147	DORRY ABRASION testing Machine

**PYROMATIC SOIL & CEMENT TESTING INSTRUMENTS**

BSPIL/CVL/SCT-148	FIELD DENSITY TEST APPARATUS PYROMATIC (Sand Replacement Method)
BSPIL/CVL/SCT-149	FLOW TABLE IS : 712-1956 PYROMATIC 30cm dial Mild Steel Plate
BSPIL/CVL/SCT-150	INFRARED MOISTURE BALANCE PYROMATIC a. 5gms. Capacity  b. 20gms. Capacity
BSPIL/CVL/SCT-151	JAW CRUSHER (Lab Type) PYROMATIC
BSPIL/CVL/SCT-152	JOLTING TEST APPARATUS PYROMATIC
BSPIL/CVL/SCT-153	LABORATORY PULVERISER PYROMATIC
BSPIL/CVL/SCT-154	LE-CHETELIER MOULD:PYROMATIC
BSPIL/CVL/SCT-155	LENGTH GUAGE : IS:2386 (Part II)
BSPIL/CVL/SCT-156	LOS ANGELES ABRASION MACHINE PYROMATIC IS:2386 (part IV)
BSPIL/CVL/SCT-157	MIXING APPARATUS PYROMATIC IS :1727-1967: 5 LIT capacity
BSPIL/CVL/SCT-158	NEEDLE MOULD VIBRATOR PYROMATIC b. WITH ½ HP motor Single Phase
BSPIL/CVL/SCT-159	CONE PENETROMETER PYROMATIC
BSPIL/CVL/SCT-160	Post Hole Augers PYROMATIC
BSPIL/CVL/SCT-161	PLATE BEARING TEST APPARATUS: IS 188-1962 PYROMATIC

**PYROMATIC SOIL & CEMENT TESTING INSTRUMENTS**

BSPIL/CVL/SCT-162	PORE PRESSURE APP. PYROMATIC
BSPIL/CVL/SCT-163	Proctor Needle (Spring type)
BSPIL/CVL/SCT-164	Proctor Compaction Apparatus a. IS:10074.1982 made of steel b. Rammer 2.6 Kg 310mm
BSPIL/CVL/SCT-165	PYCNOMETER PYROMATIC
BSPIL/CVL/SCT-166	Rapid Moisture Meter 25%, 50%
BSPIL/CVL/SCT-167	RIFFLE SAMPLE DIVIDER PYROMATIC IS: 1607: Any size
BSPIL/CVL/SCT-168	SAND POURING CYLINDER PYROMATIC Apparatus Large
BSPIL/CVL/SCT-169	SIEVE SHAKER PYROMATIC (Hand operated) a. for 20cm dial sieves. b. 30cm dial sieves
BSPIL/CVL/SCT-170	SIEVE SHAKER PYROMATIC (Gyratory) a. with motor  b. do- time 0-60 min/5min c. Sieve shaker (Rotap) d. Sieve Shaker (Wet) PYROMATIC
BSPIL/CVL/SCT-171	SIVES COARSE 8" DIAL (20CM) PYROMATIC Brass frame with steel sheet Square Punching 35 to 4.75mm
BSPIL/CVL/SCT-172	SIVES TEST SIEVES PYROMATIC a. 8" (20cm) dial Brass Frame BSS. MESH 4 to 100 ASTM 5 TO 100 I.S.S.NO. 480 TO 15 Aperture 4.75mm to 150 microns b. Aperture 125 or 106 microns c. Next Smaller Size
BSPIL/CVL/SCT-173	SIVES'S LID & PAN SET MADE OF BRASS For 8" dial sieves. b. do- GI SHEET
BSPIL/CVL/SCT-174	SIEVE COARSE MADE OF GI 12" b. LIDD & PAN GI 12" c. SIEL 18" GI d. LID & PAN for above

**PYROMATIC SOIL & CEMENT TESTING INSTRUMENTS**

BSPIL/CVL/SCT-175	Shrinkage Limit Apparatus PYROMATIC b. Plastic Limit Apparatus PYROMATIC
BSPIL/CVL/SCT-176	Slump Test Apparatus IS:1199
BSPIL/CVL/SCT-177	Slump Testing App. PYROMATIC (K) Type b. Slump cone "INSIF" is 383 c. Tamping rod
BSPIL/CVL/SCT-178	STANDARD spatula PYROMATIC
BSPIL/CVL/SCT-179	Soil DENSITY TEST APPARATUS PYROMATIC (Core cutter method) b. Split spoon sampler brass Lining
BSPIL/CVL/SCT-180	SOIL TRIMMER (Hand operated) b. do- (Motorised)
BSPIL/CVL/SCT-181	STANDARD DYNAMIC PENETRATION PYROMATIC Test Equipment : As per IS: 2131: b. Weight for above c. Parts for above required
BSPIL/CVL/SCT-182	SWELL TEST APPARATUS PYROMATIC b. Proving Ring + Dial Guage
BSPIL/CVL/SCT-183	TAMPING PYROMATIC BAR b. BAR 16 mm dial & 0.6 meter long
BSPIL/CVL/SCT-184	THICKNESS GUAGE PYROMATIC IS:
BSPIL/CVL/SCT-185	TILE FLEXURE STRENGTH TESTING MACHINE PYROMATIC IS:654 Cap. 200 Kg (without lead shots) b. Lead shots Per Kg
BSPIL/CVL/SCT-186	UNCONFINED COMPRESSION TEST APP. a. Hand operated cap.2000Kg b. Motorised c. Proving Ring 200 Kg, tested d. Dial Guage 0.01*25 mm
BSPIL/CVL/SCT-187	VEE-BEE- CONSISTOMETER PYROMATIC IS:11990-1959
BSPIL/CVL/SCT-188	VICAT NEEDLE APPARATUS IS:269 IS : 5513-76 IS:4031 complete set
BSPIL/CVL/SCT-189	VIBRATING TABLE PYROMATIC 50*50cm
BSPIL/CVL/SCT-190	VIBRATING MOULD MACHINE

# Brinell Hardness Tester TH600

