

An aerial photograph of a construction site, showing a grid of rebar and concrete slabs. Two workers in high-visibility vests and hard hats are visible in the lower-left quadrant. The image is partially obscured by red geometric shapes.

Cement Testing Laboratory Instruments



info@tesca.in

Tesca Technologies Pvt. Ltd.

Cement Testing Laboratory Instruments

Sr. No.	Order Code	Name of Product
1	MT138	COMPRESSION TESTING MACHINE - 100 KN-FULLY AUTOMATIC - SERVO CONTROLLED-
2	MT135	COMPRESSION TESTING MACHINE - 100 KN-AUTOMATIC PACE RATE CONTROLLED
3	MT131	COMPRESSION TESTING MACHINE - 100 KN-DIGITAL - MANUAL PACE CONTROL
4	MT128	COMPRESSION TESTING MACHINE - 100 KN-ANALOG - SINGLE GAUGE
5	MT139	COMPRESSION TESTING MACHINE - 250 KN-FULLY AUTOMATIC - SERVO CONTROLLED
6	MT136	COMPRESSION TESTING MACHINE - 250 KN-AUTOMATIC PACE RATE CONTROLLED
7	MT132	COMPRESSION TESTING MACHINE - 250 KN-DIGITAL - MANUAL PACE CONTROL
8	MT129	COMPRESSION TESTING MACHINE - 250 KN-ANALOG - SINGLE GAUGE
9	MT140	COMPRESSION TESTING MACHINE - 500 KN-FULLY AUTOMATIC - SERVO CONTROLLED
10	MT137	COMPRESSION TESTING MACHINE - 500 KN-AUTOMATIC PACE RATE CONTROLLED
11	MT134	COMPRESSION TESTING MACHINE - 500 KN-DIGITAL WITH PC INTERFACE AND SOFTWARE
12	MT133	COMPRESSION TESTING MACHINE - 500 KN-DIGITAL - MANUAL PACE CONTROL
13	MT130	COMPRESSION TESTING MACHINE - 500 KN-ANALOG - SINGLE GAUGE
		ACCESSORIES FOR COMPRESSION TESTING MACHINE
	MT141	COMPRESSION FRAME JIG ASSEMBLY AS PER EN 196
	MT142	COMPRESSION FRAME JIG ASSEMBLY AS PER ASTM C 109
	MT143	CEMENT MORTAR FLEXURAL TESTING JIG AS PER EN 196
	MT144	CEMENT MORTAR FLEXURAL TESTING JIG AS PER ASTM C 348
14	MT145	VIBRATING MACHINE WITH DIGITAL TIMER & MOULD
15	MT146	POKING ROD (FOR VIBRATING MACHINE) - RUBBER
16	MT147	CUBE MOULDS-7.06 CM- NON ISi (FOR CEMENT)*
17	MT148	CUBE MOULDS-7.06 CM-HEAVY QUALITY (FOR CEMENT) - IS 10080
18	MT149	CUBE MOULD-5 CM-AS PER IS 10086
19	MT150	CURING TANK-HEATING + COOLING-FOR 12 CUBES OF 70.6 MM
20	MT151	CURING TANK-HEATING + COOLING-FOR 24 CUBES OF 70.6 MM
21	MT152	CURING TANK-HEATING + COOLING-FOR 48 CUBES OF 70.6 MM
22	MT153	CURING TANK-HEATING + COOLING-FOR 100 CUBES OF 70.6 MM
23	MT154	CURING TANK-HEATING + COOLING-FOR 200 CUBES OF 70.6 MM
24	MT155	CURING TANK-HEATING + COOLING-FOR 500 CUBES OF 70.6 MM
25	MT156	HUMIDITY OVEN (STABILITY CHAMBER)-REFRIGERATED-INNER S.S.-45X45X45 CM-
26	MT157	HUMIDITY OVEN (STABILITY CHAMBER)-REFRIGERATED-INNER S.S.-70X50X50 CM-
27	MT158	HUMIDITY OVEN (STABILITY CHAMBER)-REFRIGERATED-INNER S.S.-60X60X60 CM-
28	MT159	HUMIDITY OVEN (STABILITY CHAMBER)-REFRIGERATED-INNER S.S.-90X60X60 CM-
29	MT160	LIME REACTIVITY CABINET-REFRIGERATED-INNER S.S.-90X60X60 CM
30	MT206	CURING COMPOUND MOULD - SS
31	MT163	BLAIN AIR PERMEABILITY TEST APPARATUS
32	MT162	FINE SIEVE - 20 CM DIA-BRASS-0.090MM (90 MIC)
33	MT161	FINE SIEVE - 20 CM DIA-BRASS-0.045 MM (45 MIC)
34	MT164	WET SIEVING APPARATUS - AS PER IS : 4031 (PART-15)
35	MT165	WET SIEVING APPARATUS (FINENESS OF FLY ASH TESTING APPARATUS) - (ASTM C430)



**Compression Testing Machine
500 kN (TM-42-FA)**



**Digital Compression
Testing Machine (TM-042-D)**



**Curing Tank
(Heating and Cooling)**

Cement Testing Laboratory Instruments

Sr. No.	Model No.	Name of Product
36	MT168	LE-CHATLIER FLASK
37	MT166	WATERBATH-CONSTANT TEMP-(DIGITAL)-(FOR SPECIFIC GRAVITY TEST OF CEMENT)-(4 NOS LE-CHATLIER FLASKS)-
38	MT167	WATERBATH-CONSTANT TEMP-(DIGITAL)-(FOR SPECIFIC GRAVITY TEST OF CEMENT)-(8 NOS LE-CHATLIER FLASKS)-
39	MT171	LE-CHATLIER MOULD - AS PER IS - SET OF SIX
40	MT169	WATERBATH FOR SOUNDNESS TEST OF CEMENT-INNER S.S.-WITH STAND-
41	MT170	WATERBATH FOR SOUNDNESS TEST OF CEMENT -INNER S.S.- DIGITAL-
42	MT202	VICAT NEEDLE APPARATUS
43	MT203	VICAT NEEDLE APPARATUS-(MODIFIED FOR GYPSUM TEST)-(IS 2542 (P-1), ASTM C472)
44	MT204	GILLMORE NEEDLE APPARATUS - (ASTM C266, AASHTO T154)
45	MT205	SOUTHARD VISCOMETER
46	MT172	CEMENT MORTAR PERMEABILITY APPARATUS - THREE CELL - WITH AIR COMPRESSOR-
47	MT173	CEMENT MORTAR PERMEABILITY APPARATUS - SIX CELL-WITH AIR COMPRESSOR
48	MT174	CEMENT AUTOCLAVE SIZE- 150 x 450 MM
49	MT175	LENGTH COMPARATOR AS PER IS 9459/IS 4031
50	MT176	SHRINKAGE BAR MOULD - 25 X 25 X 282 MM SINGLE COMPARTMENT (1562 MFG COST)
51	MT177	SHRINKAGE BAR MOULD - 25 X 25 X 282 MM - TWO MOULD COMPARTMENT
52	MT178	SHRINKAGE BAR MOULD - 25 X 25 X 282 MM - FOUR MOULD COMPARTMENT
53	MT179	GAUGING TROWEL-(8")-(200 MM)
54	MT180	GAUGING TROWEL-(6")-(150 MM)
55	MT181	FLOW TABLE (CEMENT)-HAND OPERATED - 25CM DIA - STEEL TOP - IS 5512
56	MT182	FLOW TABLE (CEMENT)-HAND OPERATED - 25CM DIA - GUNMETAL TOP - IS 5512
57	MT183	FLOW TABLE (CEMENT)-MOTORISED - 25CM DIA - M.S. TOP - IS 5512
58	MT184	FLOW TABLE (CEMENT)-MOTORISED - 25CM DIA - GUNMETAL TOP - IS 5512
59	MT185	JOLTING APPARATUS (VIBRATING TABLE FOR CEMENT MORTAR) - (EN 196)-
60	MT186	PRISM MOULD-(40 X 40 X 160MM)-(THREE GANG)-(FOR JOLTING APPARATUS)-(IS 10078)
61	MT187	MORTAR MIXER-4.75 LITERS- IS 10890
62	MT188	REFRACTORY FURNACE-9" X 4" X 4"-1200°C-DIGITAL
63	MT189	REFRACTORY FURNACE-1 O" X 5" X 5"-1200°C-DIGITAL
64	MT190	REFRACTORY FURNACE-12" X 6" X 6"-1200°C-DIGITAL
65	MT191	REFRACTORY FURNACE-12" X 8" X 8"-1200°C-DIGITAL
66	MT192	REFRACTORY FURNACE-18" X 9" X 9"-1200°C-DIGITAL
67	MT193	HIGH TEMP. FURNACE-9" X 4" X 4"-1400°C-DIGITAL
68	MT194	HIGH TEMP. FURNACE-1 O" X 5" X 5"-1400°C-DIGITAL
69	MT195	HIGH TEMP. FURNACE-12" X 6" X 6"-1400°C-DIGITAL
70	MT196	HIGH TEMP. FURNACE-12" X 8" X 8"-1400°C-DIGITAL
71	MT197	HIGH TEMP. FURNACE-18" X 9" X 9"-1400°C-DIGITAL
72	MT198	TENSILE TESTING MACHINE FOR CEMENT HOPE BAG - 250 KGF (2.5 KN) - WITH SOFTWARE AND PC INTERFACE
73	MT207	PHOTOMETRIC TEST APPARATUS FOR QUICK DETERMINATION OF S03 IN CEMENT.



Flow Table (TM-79)



Tensile Testing Machine
(CA-1004)



Laboratory Furnace



Humidifier-Ultrafog

Cement Testing Laboratory Instruments

Sr. No.	Model No.	Name of Product
74	MT208	HEAT OF HYDRATION APPARATUS WITH DIGITAL THERMOMETER
75	MT209	SULPHIDE SULPHUR TEST OF SLAG CEMENT
76	MT210	THERMAL CONDUCTIVITY OF GUARDED HOT PLATE METHOD FOR AAC BLOCKS
77	MT211	LIME REACTIVITY TEST APPARATUS
78	MT212	CYLINDRICAL MEASURE FOR AIR CONTENT OF CEMENT MORTAR
79	MT213	ASSEMBLY OF APPARATUS FOR DETERMINATION OF CARBONATE IN LIME
80	MT214	ASSEMBLY OF APPARATUS FOR DETERMINATION OF CARBON DIOXIDE IN LIME
81	MT199	LAB BALL MILL - HEAVY DUTY - 300 X 300 MM-
82	MT200	LAB BALL MILL - HEAVY DUTY - 450 X 450 MM-
83	MT201	WATER RETENTION TEST APPARATUS - AS PER IS-2250/IS 10850
84	MT215	MARSH CONE FUNNEL - WITH STAND AND MEASURING CYLINDER FOR GROUT TEST



Le Chatelier Water Bath
(CA-1003)



Humidity Chamber



Vibrating Machine
(TM-199)