



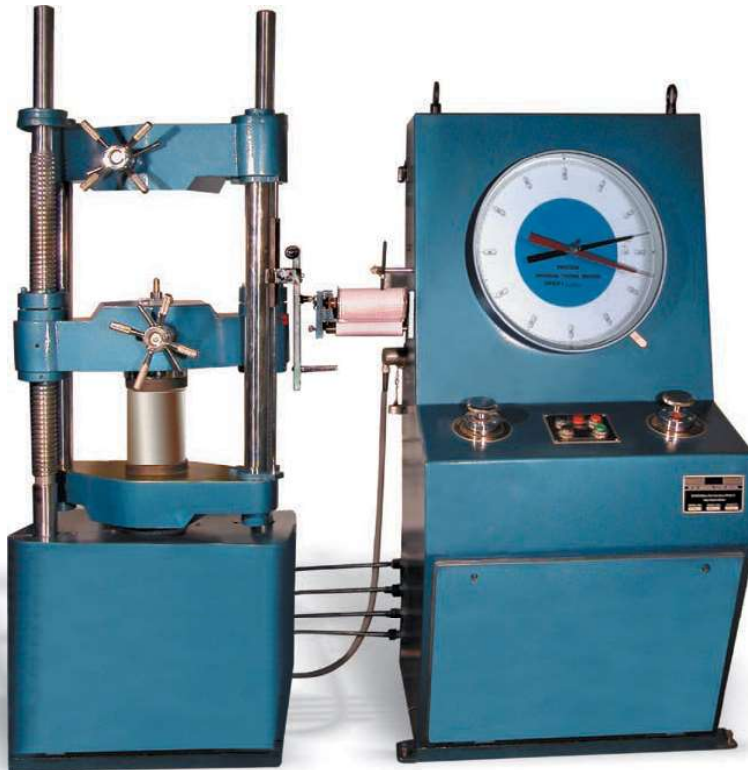
MATERIAL TESTING MACHINE

(HYDRAULIC) (CLOSED HEAD DESIGN)
(MECHANICAL DIAL TYPE) (SINGLE ACTING RAM)

(HYDRAULIC) MECHANICAL VERSION

Conforms to Grade A of BS:1610, Grade 1.0 of IS:1828

- Loading accuracy as high as $\pm 1\%$.
- Straining at variable speeds to suit a wide range of materials.
- Motor driven threaded columns for quick effortless adjustment of lower cross-head to facilitate rapid fixing of test specimen.
- Continuous roll autographic recorder supplied as standard to enable study of the behaviour of materials.
- High reading accuracy due to large size and design of dial.
- Large effective clearance between columns enables testing of standard specimens as well as structures.



- Easy change from plain to threaded and screwed specimens.
- Robust staining frame of an extremely rigid construction.
- Fully enclosed and protected pendulum.
- Simple controls for ease of operation.

- Safe operation ensured by means of safety devices.
- Wide range of standard and optional accessories are available.
- Chrome Plated Metal Components.
- Plain & threaded columns are hard chrome-plated to give the machine a perpetual new look.

UT-60
EM SERIES

Specifications

Model	EKE UT-10	EKE UT-20	EKE UT-40	EKE UT-60	EKE UT-100	EKE UT-200	EKE UT-300	EKE UT-500
Maximum capacity (tonne)	10	20	40	60	100	200	300	500
1st Measuring Range (tonne)	0-10	0-20	0-40	0-60	0-100	0-200	0-300	0-500
Minimum Graduations (kgf)	20	40	80	100	200	400	500	1000
2nd Measuring Range (tonne)	0-5	0-10	0-20	0-30	0-50	0-100	0-150	0-250
Minimum Graduations (kgf)	10	20	40	50	100	200	250	500
3rd Measuring Range (tonne)	0-2.5	0-5	0-10	0-12	0-25	0-50	0-60	0-100
Minimum Graduations (kgf)	5	10	20	20	50	100	100	250
4th Measuring Range (tonne)	0-1	0-2	0-4	0-6	0-10	0-20	0-30	0-50
Minimum Graduations (kgf)	2	4	8	10	20	40	50	100
Ram Stroke (mm)	150	200	200	250	250	250	250	250
Straining/piston speeds (mm/min) (at no load)	0-300	0-150	0-150	0-100	0-80	0-80		0-60
CONNECTED LOAD								
HP	1.5	1.5	2.5	2.5	4	7.5		10
V	400-400	400-400	400-400	400-400	400-400	400-440		400-440
Ø	3	3	3	3	3	3		3