

FLEXURAL TESTING MACHINES (RAILWAY SLEEPER)

HEAVY DUTY DIGITAL HYDRAULIC FLEXURAL (BENDING) TEST MACHINE - FROM 300KN TO 600KN CAPACITY

These machine are specially designed for testing flexural and bending strength of concrete beam as well as all kind of refractory product providing that size is acceptable with machine clearance, also the machine can test concrete railway sleeper in pre-compressed to special standard requirement. The machine are fixed with DHR 2000 digital readout control console.



SPECIFICATION

Model	A-300	A-600	F-300	F-600	T-300	T-600
Max. load. (kN)	300	600	300	600	300	600
Max. Vertical clearance between top bearer to lower bearer. (mm)	290	290	290	290	290	290
Ram Travel (mm)	200	200	200	200	200	NIL
Max. clearance between lower bearer. (mm)	2800	2800	2800	2800	2800	2800
Top and lower bearer length(mm)	330	330	330	330	330	330
Display (Size in mm)	LCD 75 x 125	LCD 75 x 125	LCD 75 x 125	LCD 75 x 125	twin gauge 300 (dia)	twin gauge 300 (dia)
Resolution (kN)	0.1 and 1	0.1 and 1	0.1 and 1	0.1 and 1	0.2 and 1	0.2 and 2
Low sensitivity (kN)	0 - 300 x 0.1	0 - 400 x 0.1	0 - 300 x 0.1	0 - 400 x 0.1	10 - 100 x 0.2	10 - 100 x 0.2
High sensitivity (kN)	-	400 - 600 x 1	-	400 - 600 x 1	30 - 300 x 1	60 - 600 x 2
Dimension in mm (frame)	920 x 3000 x 1235(H)	920 x 3000 x 1235(H)	920 x 3000 x 1235(H)	920 x 3000 x 1235(H)	920 x 3000 x 1235(H)	920 x 3000 x 1235(H)
Dimension in mm (console)	400 x 450 x 900(H)	400 x 450 x 900(H)	400 x 450 x 900(H)	400 x 450 x 900(H)	700 x 450 x 1000(H)	700 x 450 x 1000(H)
App.weight in kg (frame)	1600	1800	1600	1800	1600	1800
App.weight in kg (console)	150	150	150	150	150	150
Power:	240V, 50Hz, 1pH	240V, 50Hz, 1pH	240V, 50Hz, 1pH	240V, 50Hz, 1pH	240V, 50Hz, 1pH	240V, 50Hz, 1pH