

# CTE-PRO



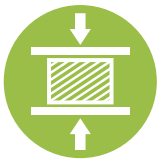
Over **60** years of  
consistent excellence



## Electronic Compression Testing Machine



Touch Screen Operation



Precise Compressive Load Measurement



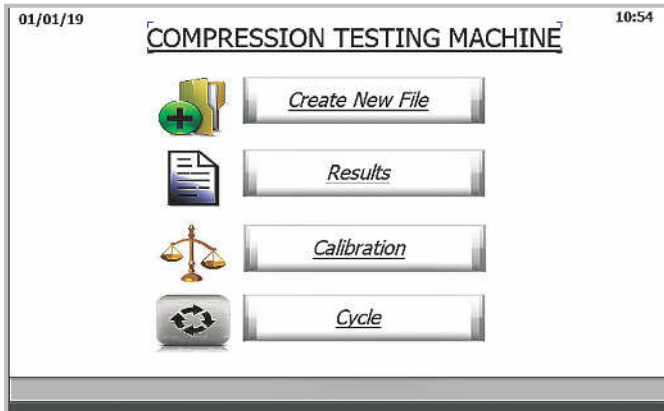
User Friendly Software



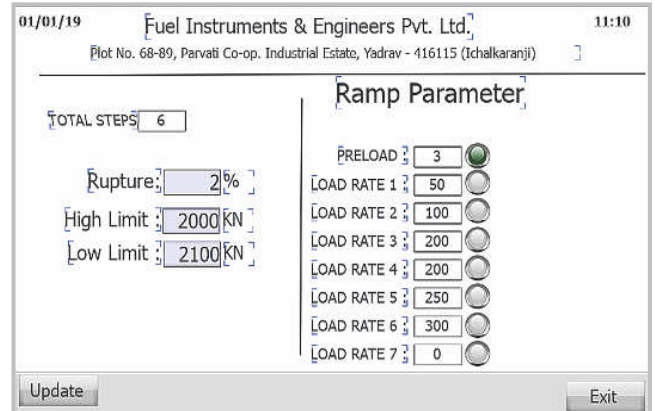


Over **60** years of consistent excellence

# Electronic Compression Testing Machine Model : CTE-PRO



Home Screen



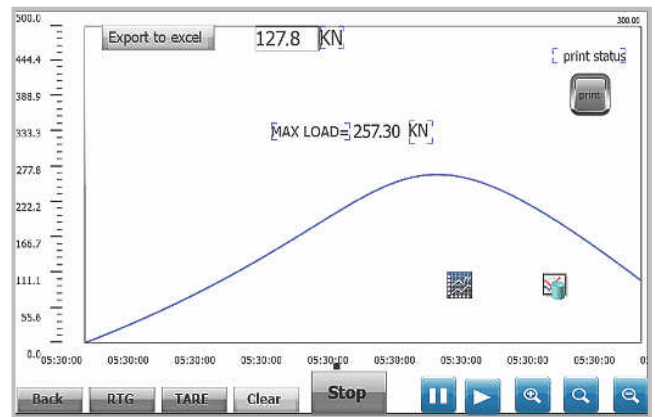
Parameter Setting

### Features :

- Result directly saved in excel file.
- Graph also saved in excel file.
- Capable to save customers name, other details of customer ageing of cube moulds, identification mark of the cube mould, Date and time of the testing.
- Capable to print direct report from the computer.
- Capable to select different test parameters like pace rate, sample size and area from computer (software).
- Capable to select different type of tests, like flexural, CTM, aggregate crushing etc.
- Emergency stop button.

### Specifications :

Model	CTE-100 PRO	CTE-200 PRO	CTE-300 PRO
Max. Capacity	1000 kN	2000 kN	3000 kN
Upper & Lower Compression Plates	Ø300 mm	Ø300 mm	Ø300 mm
Horizontal Clearance	380 mm	380 mm	380 mm
Vertical Clearance	310 mm	310 mm	310 mm
Max. Piston Stroke	50 mm	50 mm	50 mm
Power Input	230 V , 1 Ph, 50 Hz.		
Machine Weight	550 kg.	650 kg.	950 kg.



Result

### Introduction :

CTE-PRO is fully automatic concrete compression testing machine. Concrete test sample block will place between fixed and swelling platens and start the cycle. Force will apply on test sample gradually and it will brake.

Once test sample brakes its compressive strength will display on screen.

### Construction :

- Heavy duty spherical seat, allowing initial free alignment at the initial contact with the specimen and automatic jamming up to the end of test.
- Surface hardness of platen is 55 HRC, flatness tolerance 0.03mm. Traceable certificate of surface hardness available on request.
- Piston travel limit switch (extra cost).
- Safety door mode of GI sheet with acrylic window.

Due to constant Research & Development, Specifications and Features are subject to change without notice.

Manufactured By :



## Fuel Instruments & Engineers Pvt. Ltd.

Plot No. 68 & 89, Parvati Co-op Industrial Estate, YADRAV-416 145 (Ichalkaranji),  
Tal : Shirol, Dist : Kolhapur, Maharashtra State, INDIA.

Cell : +91 93090 72719, 95790 55146 • E-mail : mrk1@fietest.com, mrk2@fietest.com

Web : www.fietest.com