

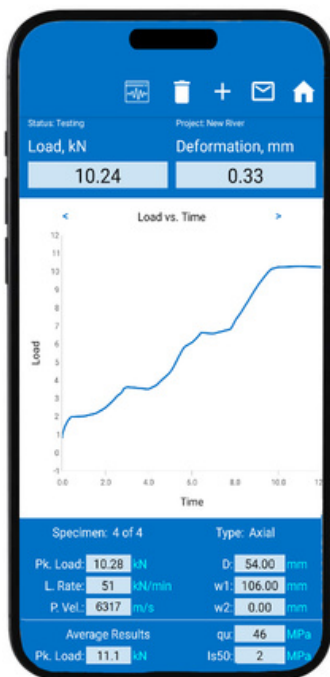
Point Load Tester

EXCEEDING TODAY'S STANDARDS, READY FOR TOMORROW'S CHALLENGES

- Compact and Lightweight Design
- High Precision (Better than 0.05%)
- Automatic Specimen Gauging
- Wirelessly controlled via Point Load Test app for mobile devices
- External or Internal Battery Operation
- Automatically calculates the Corrected Point Load Strength Index



MOBILE DEVICE COMPATIBLE



Specifications

Load Capacity	100 kN
Stroke	50 mm
Max Horizontal Opening	100 mm
Max Vertical Opening	125 mm
Power Requirements	Internal: 4 AA batteries (around 40 hours of continuous operation) External: 5 VDC (USB 2.0 micro-AB connector) @ 500 mA

Shipping Specifications

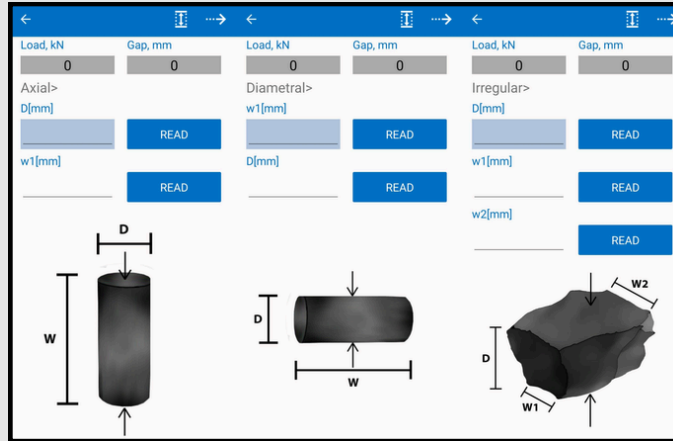
Weight	35 kg (76 lbs)*
Dimensions	82 x 64 x 40 cm (32 x 25 x 16 inches)*

* INCLUDES CARRYING CASE

PRODUCT ADVANTAGES

Automatic Specimen Gauging:

- Easily test on any specimen shape, axial, diametral, or irregular.
- Just place the specimen inside of the PLT-2W, as directed by the app, and apply a small load.



Mobile Device Compatible:

- Easily control and collect data using the GCTS Point Load Testing application. The app also displays and graphs data in real time.
- After a test is completed the data is automatically recorded, and a new test is immediately ready to begin.

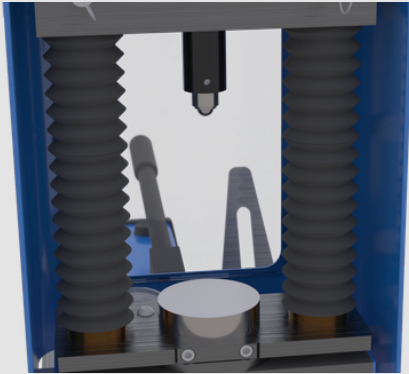
In-situ Testing:

- Being able to power this device for up to 40 hours off of batteries makes this the perfect point load tester for in-situ testing.
- Users can also connect an external power source to power the device.

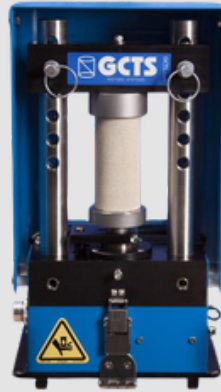
Output Data Files:

- Easily output data files as .csv to be used in your preferred software.

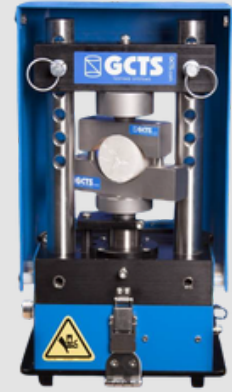
COMMONLY USED ACCESSORIES



BRINELL HARDNESS



UNCONFINED
COMPRESSION



INDIRECT TENSION
(BRAZILIAN)



CARRY CASE



FOOT PUMP

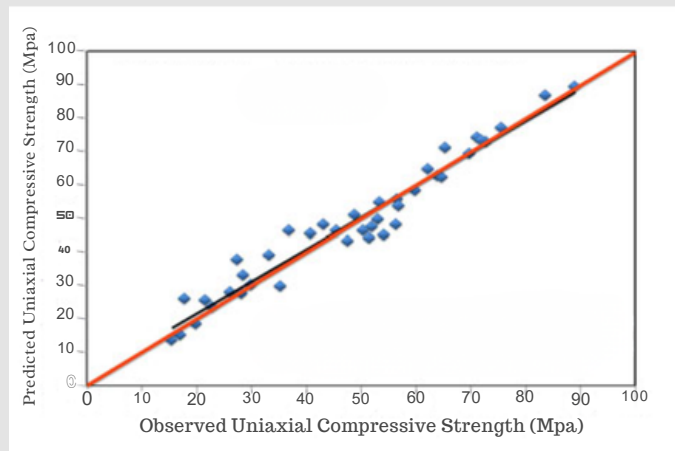


AUTOMATION

$$UCS = F (I_{s(50)}, V_p)$$



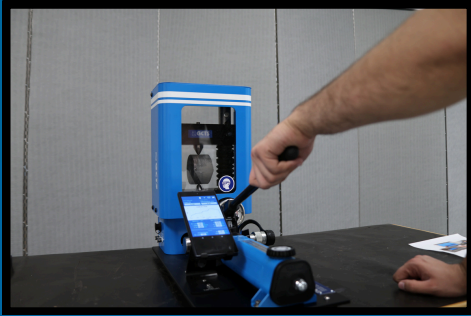
ULTRASONIC
VELOCITY



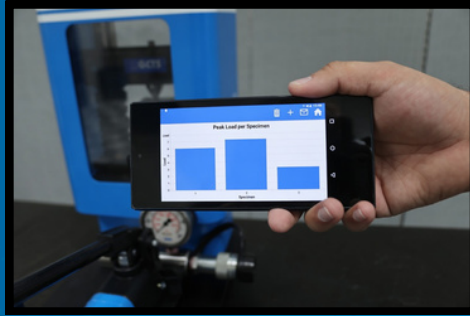
DON'T SEE WHAT YOU NEED? LET OUR ENGINEERS SOLVE THAT

Point Load Tester

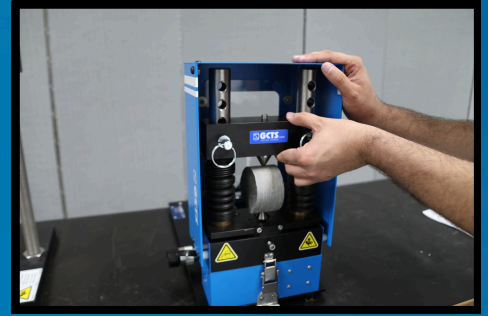
DESIGNED WITH EASE OF USE IN MIND



Real-Time Test Display



Smart and Intuitive App



Adjustable Cross-Head

EASILY AUTOMATE YOUR PLT-2W

Add a pressure/volume controller (ePVC) for full automation with precise load or deformation control.



WATCH NOW



Quote Now!

