

Technical Specification of Parallel Seismic System

Parallel Seismic Instrument – Rugged, Dust proof, Environment-proof, water-resistant, portable and Shock mounted, housing with external or in built data acquisition and processing unit , along with data analysis software and all necessary accessories .

Test length range : 40 meter or more

Borehole foundation Spacing : 2 meter or more

Power : Internal – Rechargeable Lithium Ion battery
(at least 8-10 hr continuous working)
External – 100-240V AC 50 Hz operation\Charging
12 V DC car battery operation\Charging

Processor : Window 7 or higher based, at least 1.8 GHz Intel
Processor and DRAM at least 2 GB. Hard Disk at
Least 100GB

Screen : At least 14” Diagonal Screen with day light viewing

Ports : At least 2 USB ports, One External SVGA port for
external Monitor

Cables : Heavy-duty polyurethane on reel along with depth
meter

Impact source : Instrumented hammer with trigger switch and cable

Hydrophone : Frequency range in between 0 - 4000 hz or better

Installation & training : To be done /provided free of cost at CSIR-CBRI,
Roorkee or at a suitable test site suggested by CSIR-
CBRI, Roorkee.

Warranty : 3 Years

AMC : After warranty period at negotiated rates