Nanometrics Trillium 120 Posthole Broadband Sensor

Note: PASSCAL has purchased 11 Nanometrics Trillium 120PH seismometers.

Salient Features:

- Automatic levelling can be remotely initiated to correct leveling of up to +/- 5 degrees (+/-10 degrees is also an option), simplifying down-hole installations
- The axis stack is mechanically levelled to ensure that the vertical axis does not couple horizontal noise
- A robust, waterproof, stainless steel enclosure ensures the sensor is protected from hostile environments
- The down-hole design includes a 5.6 inch diameter casing, single marine grade connector and a centered attachment eye bolt on the top surface
- Low power consumption of 560mw minimizes power source requirements at the site
- Exceptional self noise below NLNM at 100 seconds is well suited for quiet down-hole installations

Manufacturer Documents:

- Nanometrics Trillium 120 Posthole Broadband Seismometer
- Nanometrics Trillium 120PH specification sheet (Nanometrics site)
- Nanometrics Trillium Posthole Seismometer Performance

Response Characteristics: