



# MERIDIAN PH

## ALL-IN-ONE DIGITAL SEISMOGRAPH

A high performance seismograph for down-hole installations

Marrying the sensor to the digitizer and recorder, this all-in-one seismograph provides exceptional performance for a variety of downhole installations: direct burial, shallow or deepcased holes. The Meridian PH features the latest generation Trillium 120PH class seismometer technology mounted on a leveling system inside a stainless steel pressure vessel. Inherent in all Trillium seismometers, the Meridian PH provides low power consumption, remote mass centering, and a robust no-mass lock design. The Meridian PH is also available for Polar environments.

### Meta data you can trust

- Instrumentation configuration is made easy with an intuitive user interface. Once configured, the Meridian PH builds its own metadata.
- With the digitizer and sensor housed in a single unit, dataless seed volume is internally built and guaranteed to be correct every time.

### Efficient array management, simplified site visits and logistics

- Reduced "touch time" makes it easier to manage your resources

### Less to forget, less to integrate

- Combining proven technologies in a single package keeps it simple

### Operational Benefits

- Higher data quality than vault style installations
- Auto-levels to true vertical for highest fidelity recording
- Uniform installation technique
- Less equipment to transport
- Simplified meta data management
- Better performance in urban areas
- Improved security of assets

### Cost Benefits

- Less equipment to maintain
- Installation costs reduced
- Logistics costs lowered



The combination of two proven technologies, the Trillium 120 seismometer and 24-bit Centaur digitizer provides ease of deployment with no compromise on quality.



Ask us about our ultra-low temperature options

