

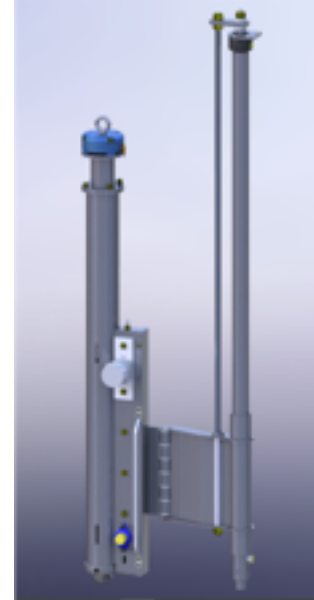
## Benefits

- Compliance with industry-standard test requirements stipulated by project owners, professional bodies, insurers
- Consistent, monitored and verifiable test performance
- Elimination of human error operating, measuring, counting, and recording
- Improved project management productivity through streaming data
- Eliminates client pain-point of unreliable data in traditional SPT

## Applications

In-situ geotechnical testing used in conjunction with:

- Solid auger
- Hollow Stem auger
- Rotary / Sonic (limited availability)



## Product Overview

The eSPT® system from MARL Technologies provides geotechnical engineers and project owners the ability to accurately acquire in-situ Standard Penetration Test (SPT) data that, for the first time, reliably and verifiably conform to industry standards.

Test results are uploaded upon completion of each test for online viewing, giving project managers faster and more complete project situation awareness, aiding the real-time management of drilling programs.

Compliance with industry standards is easily verified during and after each test.

The system completes the test automatically, incorporating all aspects of the industry standard into the system logic.

The system robustly handles non-typical events such as soft soils.

Use of the eSPT® system enables geotechnical engineers to begin collecting the high quality data called for in new and emerging professional design standards.

## Features / Specifications

Digital control of Standard Penetration Test (SPT)
Digital measurement and record of test results
Industry-standard (ASTM 1586, ISO 22476-3) parameters measured, monitored, recorded
Resolution 2.6 mm accuracy (standard)
Resolution 0.5 mm accuracy (available)
Operates in -40C° to 60°C
Displays N value
Digital count value of n1, n2, n3 (ISO n4 available)
Digital measurement of sampler advancement
GPS data with each test
Near real-time data streaming to desktop or mobile device
Post-investigation data integrity audit capability