

OPTIONAL ACCESSORY

HS34.75.10 Hydraulic Ground Anchor Spanner

To speed up insertion and retraction of anchors, Hydraulic Ground Anchor Spanner, designed to be operated by the Power Pack of the unit itself, can be supplied at extra cost. This unit works through a high torque low r.p.m. hydraulic motor and is light enough to be conveniently operated by two persons.



HS34.75.10

PIEZO CONE

Heico has developed a Piezo cone with data acquisition system for on site, acquiring the data for various parameters like:-

- Point resistance
- Skin friction
- Total resistance offered to cone & rods
- Depth of penetration
- Pore pressure

This piezo cone can be used with any of our 100kN Static Cone Penetrometer, or 200kN Static Cone Penetrometer with the change of bracket.

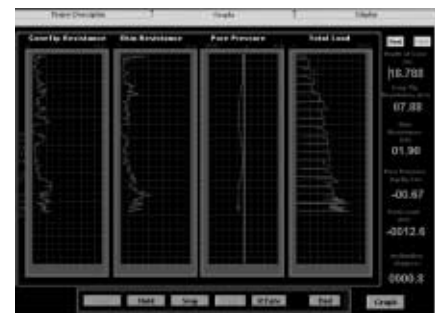
There are different model of cones to suite various site conditions. Most commonly used is the subtraction cone where as compression cone is used for soft areas. Cone area is 10cm.

Data Acquisition System (HS 34.585)

The data acquisition system has been designed to be used with any of the above cones. It has I.P. 65 protection and has a serial communication port to be used with standard Laptop.

GENERAL SPECIFICATION		
Selectable input voltage	-	230V AC or 9 - 30V DC
Analogue signals	-	8
Digital Signals	-	4
Accuracy	-	±0.1%
Operating temperature	-	10° - 50° C
A/D Conversion	-	Dual scope
Resolution	-	12 bits
Weight	-	@ 5.5Kg

Standard Cone	Cone Resistance (KN)	Sleeve Friction (KN)	Pore Pressure Pressure
HS-34.575	10 - 100	3.75 - 22.5	0.5 - 20
HS-34.580	100 - 150	15 - 22.5	0.5 - 20



Graph of Piezo Cone

Software for Piezo cone

Supporting software for Piezo cone operates in windows. It is used friendly and can be used for reporting. All plotting is done on x - t basis.

Features of the software are :-

- 1 Cone resistance
- 2 Local sleeve friction
- 3 Pore pressure
- 4 Total load

Note : all the above plots are against depth of penetration.

ACCESSORIES:

- HS 34.575.1** Cable 30 meters
- HS 34.575.2** Cable 50 meters
- HS 34.575.3** Connector