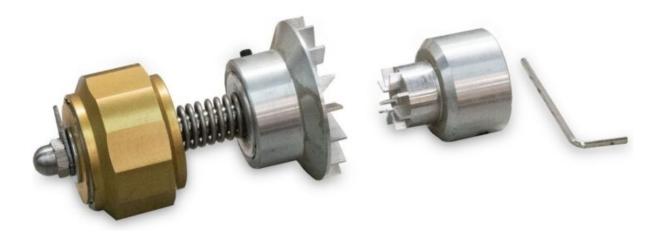
## HAND VANE SHEAR APPARATUS (T175)

Category: Soil



Product Code: T175

Category: SOIL

Sub-Category: SOIL CLASSIFICATION

• A pocket vane tester in engineering testing laboratories is used to measure the in-situ shear strength of cohesive soils, typically in the field. It consists of a set of blades that

are rotated into the soil to create a shear failure. The resistance to rotation is used to calculate the undrained shear strength of the soil, providing valuable information for geotechnical design, particularly for foundations and stability analysis in clayey soils.

## **STANDARDS**

ASTM D2573 • AASHTO T202

## **SUPPLIED WITH**

Vane AdaptorCapacitySensitive0 - 2 N/cm2 (0 - 20 kPa)Standard0 - 10 N/cm2 (0 - 100 kPa)High Capacity0 - 25 N/cm2 (0 - 250 kPa)

## **ORDERING INFORMATION**

Item	Code
FIELD VANE SHEAR APPARATUS	T176X00XH
HAND-VANE SHEAR APPARATUS	T175X00XH
VANE ADAPTOR for T175 (0 - 2 N/cm <sup>2</sup> )	T175P001H
VANE ADAPTOR for T175 (0 – 10 N/cm <sup>2</sup> )	T175P002H
VANE ADAPTOR for T175 (0 - 25 N/cm <sup>2</sup> )	T175P003H

Keywords: