## **FIELD VANE SHEAR APPARATUS (T176)**

Category: Soil



**Product Code:** T176

Category: SOIL

**Sub-Category:** FIELD TESTS

• A field 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

## **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

## **ORDERING INFORMATION**

Keywords: