SOIL > FIELD TESTS

FIELD VANE SHEAR APPARATUS

Code : T176



- 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 Name	Item Code

FIELD VANE SHEAR APPARATUS T176X00XH