



## Laboratory Vane Apparatus

**Standards:** [BS 1377-7](#), [ASTM D4648](#)



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## Description

The laboratory vane apparatus is based on an original concept of the Transport and Road Research Laboratory of the United Kingdom. It offers versatility with a variety of vane sizes available. Typically it comes with the standard 12.7 mm square vane along with a set of four calibrated springs. Testing can be conducted either directly on the sample or within the sampling tube. For the latter, the NG-WF1738 Attachment for 38 and 100 mm diameter sampling tubes is recommended for optimal performance.



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## Optional Accessories

A motorizing unit is also available: see accessories NG-WF1730/2, /3 and /4.

Sample tubes with dimensions up to 100 mm can be accommodated with a special attachment. Additionally, sample jars or special container are available. They will allow to firmly hold the specimen during testing to help eliminate accuracy errors during the testing.



## Watch Video



Watch the Laboratory Vane Apparatus product video.

[WATCH ON YOUTUBE](#)

## Laboratory Vane Apparatus Main Features

- Manual or motorized versions available
- Lightweight, compact and portable, ideal for site or main laboratory
- Convenient and rapid method of determining shear strength of soft [soils](#)
- Easy to use: many hundreds in operation today



## Laboratory Vane Apparatus Technical Specifications

NG-VaneApp	
Standard Configurations	Vane 12.7 x 12.7 mm Four Calibrated Springs with Deflection/Load
Approximate Weight	24.25lbs / 11kg
Dimensions (H x W x D)	24.45" x 9.85" x 11.1" / 62 x 25 x 28cm

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