

Laboratory Vane Apparatus

ASTM D4648; BS 1377

DESCRIPTION:

The Laboratory Vane Apparatus is used to determine the shear strength in soft soils of undisturbed or remoulded samples.

The hand-operated frame has a 200mm diameter base plate capable of accepting standard specimen moulds and sample tubes. Scales indicate the load application and any vane deflection.



It is also available with motorizing attachments that can be fitted to automate the test process and provide better accuracy.

If purchased with the machine, the motorizing attachment will be fitted and tested. Alternatively, the motorizing attachment can be purchased at a later date and easily fitted at the customer site.

TECHNICAL SPECIFICATIONS:

Dimensions	200 X 240 X 560mm
Weight (approx.)	10 kg

MAIN FEATURES:

- Rapid way of determining the shear strength in soft soils
- Easy to use
- Manual Unit can easily be updated to a motorized version
- Two calibrated springs provided
- Supplied with 12.7mm x 12.7mm vane

ORDERING:

SL 0124

Manual Laboratory Vane Apparatus

SL 0125

Motorized Laboratory Vane Apparatus

ACCESSORIES:

SL 0124-1

Vane 12.7 mm x 12.7 mm

SL 0124-2

Vane 12.7 mm x 19 mm

SL 0124-3

Vane 12.7 mm x 25.4 mm

SL 0124-4

Attachment to hold a sample tube of 38 mm or 100 mm dia

Laboratory Mixer

BS 598-107, 1377-1, 1924-1, EN 12697-35

DESCRIPTION:

This Laboratory Mixer is suitable for sample preparation of soils, bituminous concrete and cement mortars.

The Laboratory mixer is a planetary beater type, where the flat beaters rotate in the opposite direction to the orbit around the inside of the mixing bowl.

The hand lever can raise, lower and lock the bowl at the desired position. Adjustment is allowed for proper clearance between the bowl and the beater.

It is available in several sizes :
5, 7.5, 10, 20, 30 ltrs.



MAIN FEATURES:

- Uniform mixing
- Direct gear drive transmission
- Three speeds set
- Control lever

ORDERING:

SL 0126

Laboratory Mixer 5 ltrs

SL 0127

Laboratory Mixer 7.5 ltrs

SL 0128

Laboratory Mixer 10 ltrs

SL 0129

Laboratory Mixer 20 ltrs

SL 0130

Laboratory Mixer 30 ltrs

ACCESSORIES:

SL 0126-1

Spare Stainless Bowl 5 ltrs

SL 0127-1

Spare Stainless Bowl 7.5 ltrs

SL 0128-1

Spare Stainless Bowl 10 ltrs

SL 0129-1

Spare Stainless Bowl 20 ltrs

SL 0130-1

Spare Stainless Bowl 30 ltrs

TECHNICAL SPECIFICATIONS:

Dimensions	700x750x800 mm
Weight (approx.)	75 kg
Power	550 W