

# Standard Shear Test Stirrer/Timer Type P317



## Description

The model Type 317 is a replacement for the Type 133/131.

Test Stirrer/Timer performs to the EC standard and is recommended by the Water Research Centre for assessing the stability of a sewage sludge.

Often used in conjunction with the CST apparatus, the sludge is subjected to high-speed stirring simulating different degrees of imposed shear. This will assess the physical strength of the conditioned sludge flocs, and determine the stability of sludge for different types of dewatering equipment.

## General Specification

Size: approx. Height 33cm, width 15cm, length 23cm, weight 8kg.

- A motor over-ride switch enables continuous stirring of sludges.
- A detachable stirring paddle makes it versatile and easy to keep clean.
- Stir times of 1 second steps from 1-99 can be selected.
- A set time button to toggle through the standard times of 10 - 30 - and 60 seconds.
- Comes complete with two 25ml beakers.
- A carrying case specifically designed for transporting the unit is also available.

### **The following stir times correspond to mechanical dewatering systems**

	Shear equivalents (seconds) (Laboratory stirring time)
Belt press	0
Vacuum filter	10
Filter press	40
Centrifuge	Very variable

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