

**End-over-End Shaker
SL270**

Impact Test Equipment Ltd
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User Guide
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End-over-End Shaker



The End-over-End Shaker is designed to be used with 2 gas jars, of 1 litre capacity each. This is suitable for fine, medium and coarse-grained soils. Each jar should be fitted with a rubber bung to keep the volume of the sample constant.

1. Before mounting the gas jars into the shaker, shake the jars by hand until the soil particles are in suspension.
2. Mount the gas jars securely within the shaker arms.
3. Switch the shaker power on at the electricity supply point and it will start to function.
4. When in operation the shaker will rotate the jars at approximately 50rpm, according to the requirements of BS1377:2.
5. Operate the shaker for at least 20 to 30 minutes.
6. Switch the power off to stop the shaker.
7. Continue with the test as per the standard.

Please Note:

- **There is no On/Off switch on the shaker itself for safety reasons. It must be switched on and off at the electricity supply point to avoid the user coming into contact with the moving shaker arms.**
- **Ensure that water & moisture are kept clear of the motor.**
- **Only operate this shaker with dry hands.**