



## AUTO Direct/Residual Shear (ASD)

Code: 25-0600/09

Product Group: N/A

The ELE AUTO Direct/Residual Shear Machine (ASD) was designed for busy geotechnical laboratories that need to increase throughput of soil samples and minimise staff involvement in test procedures whilst complying with the requirements of international standards; producing accurate, reliable, flexible reports that can be customised.

Automatic 24/7 operation

Extremely compact footprint

Monitor & control up to 16 machines remotely

Designed & built by ELE in the UK

No compressor required

15 kN vertical load capacity with variable speed

7" waterproof, colour, graphical touchscreen

Multilanguage

'Swan-neck' loading design

Compatible with ELE's latest DS8 software - simple data capture & flexible reporting. Save configurations for easy set-up of multiple cells & repeat tests

Support for multi stage tests and modification of stages midtest

## Specification

|                            | Consolidation                                    | Shear  |
|----------------------------|--|--|
| Frame Capacity             | 15 kN  | 5 kN   |
| Travel                     | 15 mm  | 15 mm standard, 25 mm optional                   |
| Standards                  | BS 1377-7, ASTM D3080/D3080M, ISO 17892-10       | BS 1377-7, ASTM D3080/D3080M, ISO 17892-10       |
| Available cells            | 35 mm- 112 mm, 2"-4"                             | 60mm, 100 mm square, 2.42", 2.5" round           |
| Max sample size            | 100 mm square                                    | 100 mm square                                    |
| Max piston travel          | 26 mm  | 25 mm  |
| Speed                      | 10 mm per minute                                 | 10 mm per minute                                 |
| Fast approach speed        | 40 mm per minute                                 | 40 mm per minute                                 |
| Max number of tests per PC | 16 (can be combination of consolidation & shear) | 16 (can be combination of consolidation & shear) |
| Unit display               | High resolution, 7" colour                       | High resolution, 7" colour                       |

# Product Sheet

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|              |                                    |                                    |
|--------------|------------------------------------|------------------------------------|
|              | touchscreen                        | touchscreen                        |
| Dimensions   | W: 520 mm x D:450 mm x<br>H:740 mm | W: 520 mm x D:450 mm x<br>H:740 mm |
| Weight       | 73 kg                              | 73 kg                              |
| Power supply | 90-240 V AC, 50-60 Hz, 1 pH        | 90-240 V AC, 50-60 Hz, 1 pH        |