

## PRODUCT DATA SHEET - SUITCASE TEST UNIT

Must have for mobile testing

### DESCRIPTION

- Portable unit for on-site tests
- Sample filtration for simple study of filterability and achievable filtered water quality
- Use of a small single ceramic plate with filter area of 0.01 m<sup>2</sup> enables to execute tests at very small sample volumes
- Single test plate to be submerged into sample water jar (not within scope) or directly into existing treatment process
- Simulation of real filtration process: filtration, backwash submerged, backwash on-air, air-scouring during filtration or backwash
- Can be operated as batch or continuous process
- Data recording of flow and pressure
- Suitcase dimension and weight conform to airline baggage check-in standards



### SPECIFICATIONS

<b>Power supply</b>	1 phase, 220 - 240 V, 50/60 Hz	<b>Filtration flow range</b>	0.3 - 15 L/hr
<b>Dimension LxWxH</b>	475x415x215 mm	<b>Backwash flow range</b>	0.3 - 15 L/hr
<b>Weight</b>	15 kg	<b>Max. filtration pressure</b>	-0.6 bar
<b>Ambient temp.</b>	5 - 40 °C	<b>Max. backwash pressure</b>	2.0 bar
<b>Water temp.</b>	5 - 70 °C	<b>Aeration/air-scouring</b>	0.24 Nm <sup>3</sup> /hr