The UTB-1400 Ductility Testing Machine is used to determine the ductility of bituminous materials in a briquette mould by measuring the breaking elongation at a constant speed of 50 mm/min.

It is designed for testing 3 specimens simultaneously. The internal tank is made of stainless steel. The bath is fitted with an immersion heater in order to obtain (in normal conditions), the 25°C test temperature.

Each machine comprises speed control and water circulator to maintain the homogenous water temperature.

UTB-1400 and UTB-1420 have the same specifications, except that UTAS-0420 contains an internal cooler. It is not possible to convert UTB-1400 to UTB-1420

Moulds and mould base plates should be ordered separately.

<table>
<thead>
<tr>
<th>Standards</th>
<th>EN 13398; ASTM D113, D6084; AASHTO T51; NF T66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>300x1850x550 mm</td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>80 kg</td>
</tr>
<tr>
<td>Power</td>
<td>350 W</td>
</tr>
</tbody>
</table>

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**UTB-1400** Ductility Testing Machine
**UTB-1420** Ductility Testing Machine with a Cooler
**UTB-1402** Ductility Briquette Mould, Brass, ASTM D113 and AASHTO T51
** UTB-1402NF** Ductility Briquette Mould
**UTB-1404** Ductility Mould Base Plate, Chrome plated metal
**UTB-1405** Ductility Mould Base Plate, Brass
**UTB-1406** Ductility Mould, Brass, ASTM D6084, AASHTO T300
**UTB-1408** Ductility Mould, EN 13398