LMFTM FLOTATION MACHINE

Laboratory Flotation Machine

Superior Flotation Machine for providing an accurate reliable means of reproducing test results

- Digital control by touch screen
- Flotation cells capacities from 0.2-7.0 Litres
- Standard square and round cells from various materials: stainless steel, acrylic, pu-coated, PTFE coated
- Cells and impellers for high temperature flotation made from stainless steel
- Impellers & diffuser made from various materials: stainless steel, acrylic, pu-coated, PTFE coated
Description
The versatile Laboratory Flotation Bench has been designed to provide an accurate reliable means of re-producing test results. It is ideally suited in duplicating plant processes and operations.

The laboratory flotation bench can be used for:

- Flotation
- Attritioning
- Blending
- Agitating

Several configurations are available for impeller style and diffuser arrangement. All wetted metal parts are made of high quality 316 stainless steel construction.

To set up and control the parameters there is a digital touch screen.

Flotation Cells
Cells are made from clear acrylic with impellers of polyurethane. The cell will handle materials ground to 500—750 µm. For high temperature flotation or attrition testing, a stainless steel cell and impeller must be used.

Different volumes are available

- 0,20 Litres Flotation Cell
- 0,30 Litres Flotation Cell
- 0,50 Litres Flotation Cell
- 1,00 Litres Flotation Cell
- 1,75 Litres Flotation Cell
- 2,00 Litres Flotation Cell
- 3,00 Litres Flotation Cell
- 5,00 Litres Flotation Cell
- 7,00 Litres Flotation Cell
Features and benefits

- Digital set up and control by touch screen
- Speed setting
- Filling level control
- Air Pump
- Foam Remover by skimmer
- PH Value
- Round Cells

Additional models

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**TRANSPORT DATA**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Flotation cells capacity</td>
<td>0.5 / 1 / 1.75 / 3 / 5 / 7 litres</td>
</tr>
<tr>
<td>Impellers</td>
<td>Interchangeable, corresponding to cell</td>
</tr>
<tr>
<td>Electrical requirements</td>
<td>0.55KW/220V/50Hz, other available on request</td>
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<tr>
<td>Impeller speed / Electronic</td>
<td>100-2000 rpm</td>
</tr>
<tr>
<td>Compressed air supply</td>
<td>5-10 kpa</td>
</tr>
<tr>
<td>Approximate mass</td>
<td>75 kgs</td>
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<tr>
<td>Shaft diameter</td>
<td>20 mm</td>
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<tr>
<td>Dimensions (machine)</td>
<td>Depending on version</td>
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</tbody>
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