

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.

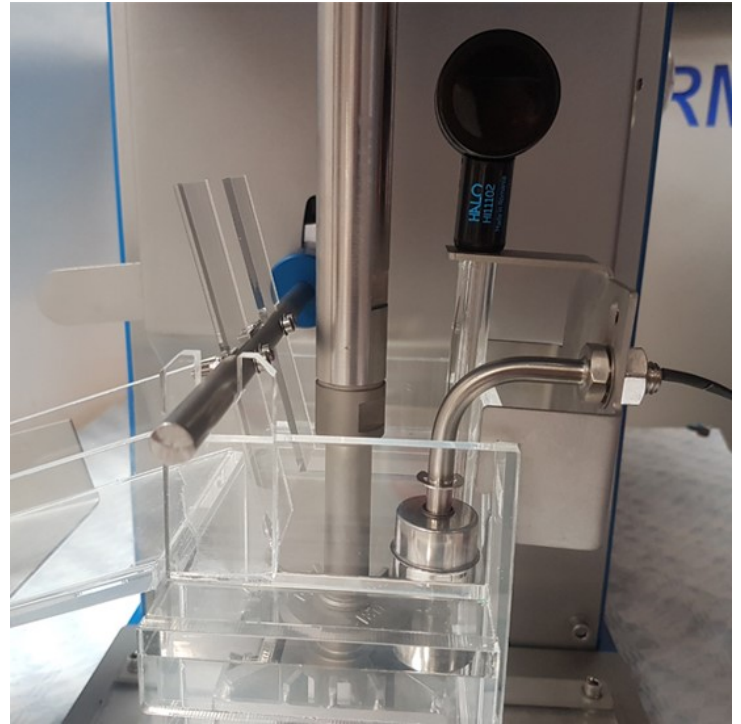
To set up and control the parameters there is a digital touch screen.

Flotation Cells

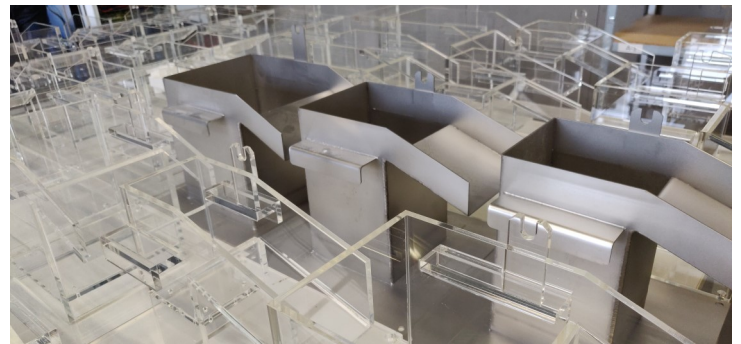
Cells are made from clear acrylic with impellers of polyurethane. The cell will handle materials ground to 500—750 μm . For high temperature flotation or attrition testing, a stainless steel cell and impeller must be used.

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



Cell with auto froth remover

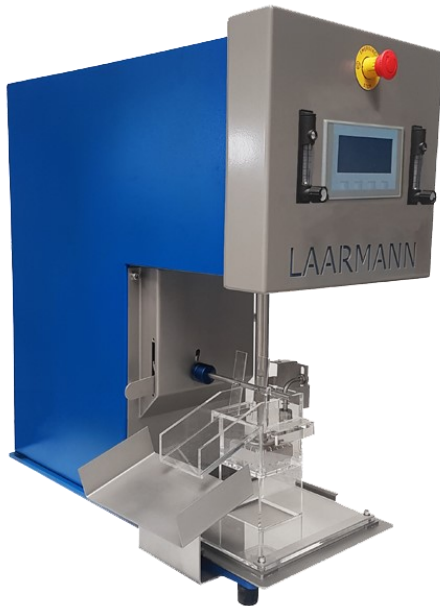


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Features and benefits

- 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



LMFTM Flotation machine



LMFTM Flotation machine bottom driven

TRANSPORT DATA

Flotation cells capacity	0,5 / 1 / 1,75 / 3 / 5 / 7 litres
Impellers	Interchangeable, corresponding to cell
Electrical requirements	0,55KW/220V/50Hz, other available on request
Impeller speed / Electronic	100-2000 rpm
Compressed air supply	5- 10 kpa
Approximate mass	75 kgs
Shaft diameter	20 mm
Dimensions (machine)	Depending on version