

New!

Dispermill Discovery[®]

Laboratory and Pilot Dissolvers, Mixers and Mills

ATP Engineering B.V. is proud to announce their latest and most innovative Laboratory Dissolver series till now, Dispermill Discovery[®]. This New line of Dissolvers has both Fine Grinding and Vacuum versions.

For more than 30 years, ATP has been associated with knowledge and experience of highly reliable R&D machines to fill your process needs. Just take a look at some of the new features and you will see why the new Dispermill Discovery[®] is an exciting machine.

NEW FEATURES

Optimized Control System with New improved user friendly Software, Compact Full color LCD Touch screen. Multi Jog LED Interface knob, to give much faster control on the menu:

- Adjustable Timer with automatic stop.
- Speed control starting from zero.
- Tip speed readout of dispersing disc.
- Readout of kW
- Readout of product temperature.
- Reduced noise level.
- Programmable temperature alarm.
- New attractive design.
- Electric Column.



QUALITY

We monitor the production of each machine constantly.
On all Dispermill[®] machines we give 1 year warranty on all parts.
All production and distribution are carried out at ATP-Holland.



Dispermill[®]

Laboratory and Pilot Dissolvers, Mixers and Mills

Basketmill model	Batch range	Power	Bead charge	Screen	
Micromill	750 ml till 2 litre	0,75 kW	1.0 HP	50 ml	0.27 / 0.50 mm
Quartermill	4 till 8 litre	2,20 kW	3.0 HP	180 ml	0.27 / 0.50 mm

A Basketmill combines mixing and milling achieving optimum particle size distribution, increasing production efficiency, and producing extraordinary quality and contribution to profit. Immersion milling is a revolution in processing technology that defies comparison. Its unique design and method of operation surpass all other systems, enabling the entire milling process to take place within a single water-cooled milling chamber. The Patented system uses circulation milling technology by rapidly pumping the slurry through the media field.

The patented basket guarantees an optimal flow and eliminates any possible 'dead-zones'. To accommodate the diversity of product range different baskets are available. Standard upon delivery are 1 basket with 1 screen slot size 0,27 or 0,5 mm. Other sizes can be delivered upon request.

MEDIA SELECTION

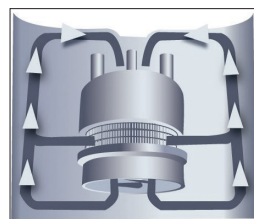
All kinds of milling media are applicable from 0,5 up to 2,0 mm in diameter but should be taken with care. The selection and matching of the media choice is still important. Our recommended beads are good for 10000 milling hours.



Dispermill
Discovery® 100
with Rotor Stator

Milling system / Basketmill

This Patented system uses circulation milling technology by rapidly pumping the slurry through the media field.



Dispermill
Discovery® 100
with Basketmill

Dispermill Discovery®-Line

Model	Vessel size	Power	Adjustable Speed	Dissolver Disc	Speed Readout	Torque	Voltage	Dimensions w x d x h	Weight
Orange-line	0.2 till 2 litre	0,30 kW	0.4 HP	40 mm	Yes	0.5 Nm	230 Volt, 50/60 Hz	500 x 360 x 710 mm	25 kg
Discovery 100	0.5 till 10 litre	0,75 kW	1.0 HP	70 mm	Yes	1.3 Nm	230 Volt, 50/60 Hz	490 x 485 x 991 mm	55 kg
Discovery 200	1 till 25 litre	1,50 kW	2.0 HP	90 mm	Yes	2.7 Nm	400 Volt, 50/60 Hz	506 x 485 x 1276 mm	68 kg
Discovery 300	1 till 25 litre	2,20 kW	3.0 HP	100 mm	Yes	7.6 Nm	400 Volt, 50/60 Hz	506 x 485 x 1276 mm	70 kg
Dispermill® Pilot Dissolver	50 till 150 litre	5,50 kW	7.0 HP	125 mm	Yes	7.6 Nm	400 Volt, 50/60 Hz	750 x 610 x 1900 mm	125kg



Dispermill
Discovery® 100
Dissolver



New option for all models:
Central Vessel Clamping System



Stainless Steel Dissolver Discs

Diameter

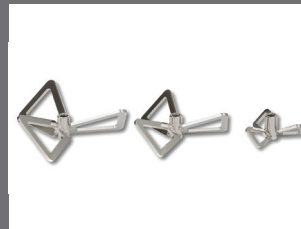
Dispersing disc 20 mm	Dispersing disc 30 mm
Dispersing disc 40 mm	Dispersing disc 50 mm
Dispersing disc 60 mm	Dispersing disc 70 mm
Dispersing disc 80 mm	Dispersing disc 90 mm
Dispersing disc 100 mm	Dispersing disc 125 mm



Stainless Steel Marine Propeller

Diameter

Propeller 40 mm	Propeller 60 mm
Propeller 80 mm	Propeller 100 mm
Propeller 120 mm	Propeller 140 mm



Stainless Steel Butterfly Blades

Diameter

Butterfly 40 mm
Butterfly 60 mm
Butterfly 80 mm
Butterfly 100 mm
Butterfly 120 mm



PP Millingdiscs

(Single or Double version)

Diameter

Millingdiscs 30 mm
Millingdiscs 40 mm
Millingdiscs 60 mm
Millingdiscs 80 mm
Millingdiscs 100 mm



Stainless Steel Dispersing Vessels

Volume	Diameter	Height
1/2 litre	83 mm	100 mm
1 litre	105 mm	155 mm
2 litre	140 mm	170 mm
3 litre	165 mm	185 mm
5 litre	185 mm	230 mm
8 litre	210 mm	275 mm
12 litre	240 mm	285 mm
15 litre	270 mm	285 mm
20 litre	265 mm	390 mm
50 litre	340 mm	555 mm



Jacketed Stainless Steel Vessels

(Double Wall) from 5 litre with outlet available*

Volume	Int. Diameter	Int. Height
1/2 litre	105 mm	100 mm
1 litre	105 mm	155 mm
2 litre	140 mm	170 mm
3 litre	165 mm	185 mm
5 litre	185 mm	230 mm
8 litre	210 mm	275 mm
15 litre	250 mm	285 mm
20 litre	265 mm	285 mm
50 litre	340 mm	555 mm



*Other dimensions on request



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