

# Dispermill X-Proof FR075

The Dispermill X-Proof FR075 is designed to operate in potentially explosive atmospheres. The design is not only about safety but also about usability and performance. The height is easily adjustable with the ergonomic lever in combination with the counterweight. Besides, the dissolver is equipped with a control panel that is comfortable to operate and a clear blue screen for readout of the RPM. The powerful motor maintains its selected speed, independent of changes in viscosity and this guarantees an optimum dispersion process.

## SAFETY FIRST

Your safety is very important to us. That's why we developed safety interlocks for vessel detection and operation height. So you can focus on your activities without being worried about any hazards. The X-Proof FR075 meets the latest ATEX safety requirements.

## FEATURES

- ✓ Clear blue display for readout RPM
- ✓ Timer 1 min - 120 min with auto stop (optional)
- ✓ ABB Electronics
- ✓ Stainless steel design
- ✓ 70 mm dispersing disc included

 Laboratory Dissolver

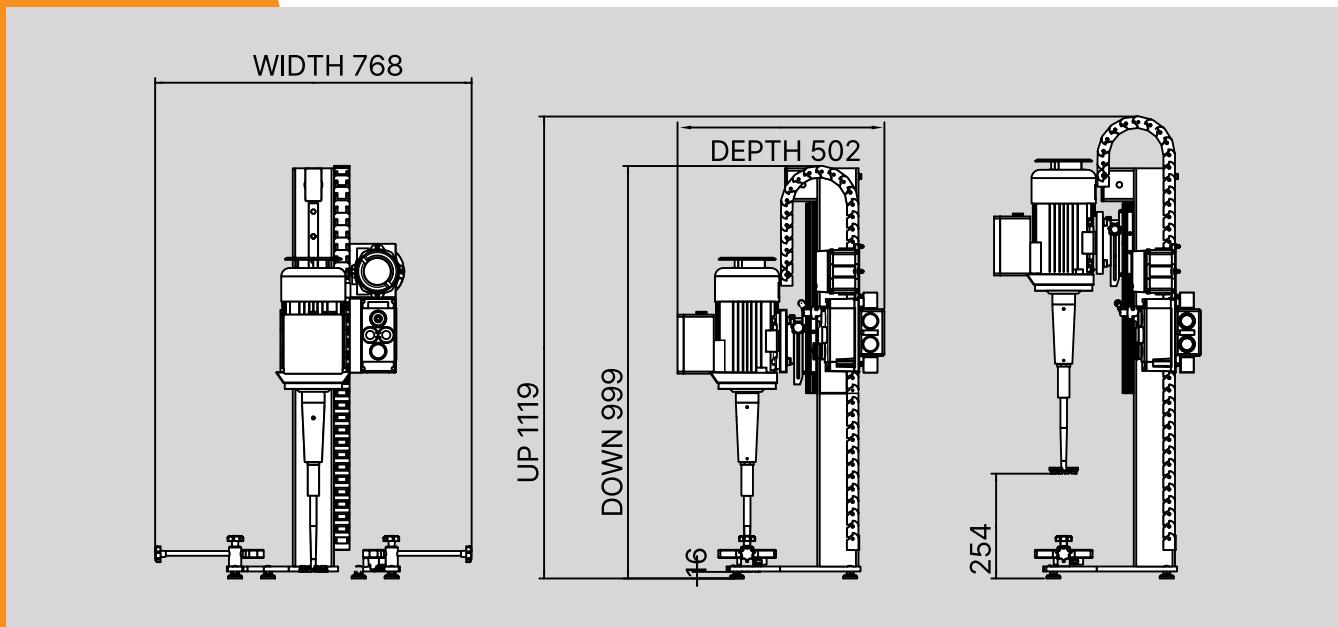


### X-Proof FR075

0,75 kW, 250 - 5.200 RPM, 250 ml - 8 L

### Order code

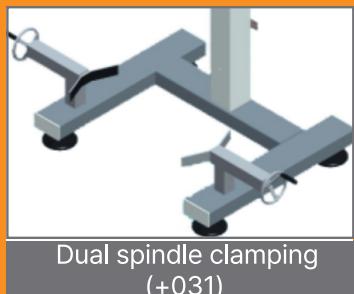
10-1047



## TECHNICAL SPECIFICATIONS

Power	0,75 kW / 1 HP
Supply	400 V +/- 10% 50/60Hz, 16 Ampere
Speed	250 till 5.200 RPM
Thermal protection	PTC Temperature sensors
Volume range vessel	250 ml - 8L
Diameter vessel	70 - 235 mm (min. - max.)
Height vessel	75 - 240 mm (min. - max.)
Dispersing disc	70 mm (interchangeable)
Dimensions (in mm)	502 x 768 x 999/1119 (D x W x H)
Weight	+/- 65 KG
Readout	True shaft speed on clear blue display
Protection class	 IECEx IIB T3
Safety CE	Conformity Directive 2006/42/EC
Electrical cabinet	Dimensions: 500 x 400 x 210 mm. Requires placement outside of ATEX zone.

## OPTIONS



Dual spindle clamping  
(+031)

- +015 Power readout in kW
- +011 Mechanical timer with automatic stop (120 min)

# Dispermill X-Proof FR150



Laboratory Dissolver

The Dispermill X-Proof FR150 is designed to operate in potentially explosive atmospheres. The design is not only about safety but also about usability and performance. The height is easily adjustable with the ergonomic lever in combination with the counterweight. Besides, the dissolver is equipped with a control panel that is comfortable to operate and a clear blue screen for readout of the RPM. The powerful motor maintains its selected speed, independent of changes in viscosity and this guarantees an optimum dispersion process.

## SAFETY FIRST

Your safety is very important to us. That's why we developed safety interlocks for vessel detection and operation height. So you can focus on your activities without being worried about any hazards. The X-Proof FR150 meets the latest ATEX safety requirements.

## FEATURES

- ✓ Clear blue display for readout RPM
- ✓ Timer 1 min - 120 min with auto stop (optional)
- ✓ ABB Electronics
- ✓ Stainless steel design
- ✓ 90 mm dispersing disc included

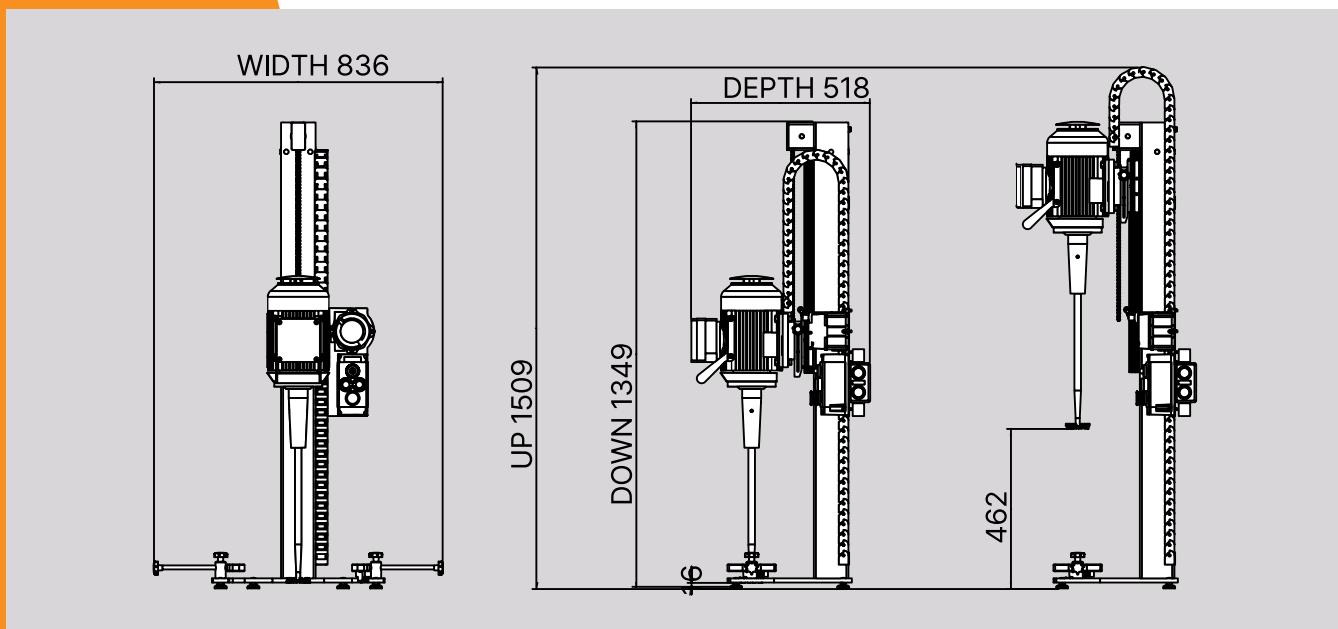


X-Proof FR150

1,5 kW, 250 - 4.000 RPM, 1 - 25L

Order code

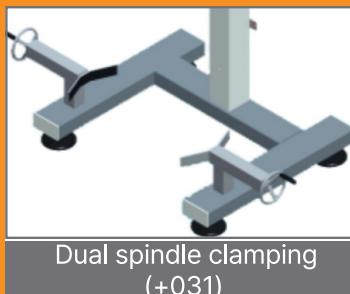
10-1048



## TECHNICAL SPECIFICATIONS

Power	1,5 kW / 2 HP
Supply	400 V +/- 10% 50/60Hz, 16 Ampere
Speed	250 till 4.000 RPM
Thermal protection	PTC Temperature sensors
Volume range vessel	1L - 25L
Diameter vessel	70 - 305 mm (min. - max.)
Height vessel	75 - 450 mm (min. - max.)
Dispersing disc	90 mm (interchangeable)
Dimensions (in mm)	518 x 836 x 1349/1509 (D x W x H)
Weight	+/- 70 KG
Readout	True shaft speed on clear blue display
Protection class	 IECEx IIB T3
Safety CE	Conformity Directive 2006/42/EC
Electrical cabinet	Dimensions: 500 x 400 x 210 mm. Requires placement outside of ATEX zone.

## OPTIONS



Dual spindle clamping  
(+031)

- +015 Power readout in kW
- +011 Mechanical timer with automatic stop (120 min)

# Dispermill X-Proof FR220



Laboratory Dissolver

The Dispermill X-Proof FR220 is designed to operate in potentially explosive atmospheres. The design is not only about safety but also about usability and performance. The height is easily adjustable with the ergonomic lever in combination with the counterweight. Besides, the dissolver is equipped with a control panel that is comfortable to operate and a clear blue screen for readout of the RPM. The powerful motor maintains its selected speed, independent of changes in viscosity and this guarantees an optimum dispersion process.

## SAFETY FIRST

Your safety is very important to us. That's why we developed safety interlocks for vessel detection and operation height. So you can focus on your activities without being worried about any hazards. The X-Proof FR220 meets the latest ATEX safety requirements.

## FEATURES

- ✓ Clear blue display for readout RPM
- ✓ Timer 1 min - 120 min with auto stop (optional)
- ✓ ABB Electronics
- ✓ Stainless steel design
- ✓ 90 mm dispersing disc included

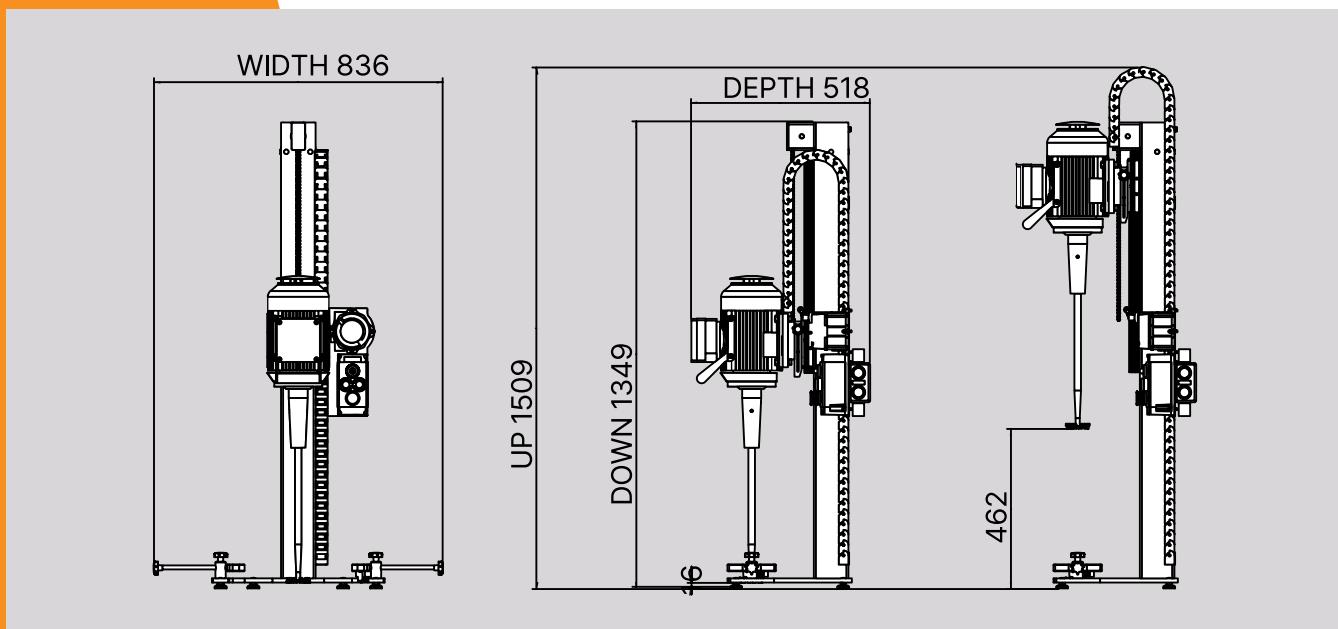


X-Proof FR220

2,2 kW, 250 - 4.000 RPM, 1 - 25L

Order code

10-1046



## TECHNICAL SPECIFICATIONS

Power	2,2 kW / 3 HP
Supply	400 V +/- 10% 50/60Hz, 16 Ampere
Speed	250 till 4.000 RPM
Thermal protection	PTC Temperature sensors
Volume range vessel	1L - 25L
Diameter vessel	70 - 305 mm (min. - max.)
Height vessel	75 - 450 mm (min. - max.)
Dispersing disc	90 mm (interchangeable)
Dimensions (in mm)	518 x 836 x 1349/1509 (D x W x H)
Weight	+/- 70 KG
Readout	True shaft speed on clear blue display
Protection class	 IP2G IIB T3
Safety CE	Conformity Directive 2006/42/EC
Electrical cabinet	Dimensions: 500 x 400 x 210 mm. Requires placement outside of ATEX zone.

## OPTIONS



Dual spindle clamping  
(+031)

- +015 Power readout in kW
- +011 Mechanical timer with automatic stop (120 min)