



DISPERMAT® CA dissolver

Quiet high-power disperser for repeatable dispersion results

Power: 0.55 - 1.5 kW Product: 0.05 - 15 litres Control: C [Comfort]

Innovation made in Germany: Der DISPERMAT® CA dissolver kann mit den adaptierbaren Dispergier- und Mahlsystemen als APS Bead Mill, TORUSMILL® TML Basket Mill, CDS Vacuum Dispersion System, SR Rotor-Stator Homogenizer, ASC Scraper System und TMS® Torque Meter eingesetzt werden.

Description

High-speed dissolver with process control for product volumes from 0.05 to 15 litres

The DISPERMAT® CA is a high-speed laboratory disperser with electric stand and C-technology process control which makes it the perfect dissolver for research and development. The C-technology generated details data and provides comprehensive information relating to the key dispersion parameters such as power, torque, tip speed, time or temperature.

Innovation made in Germany: The modular dispersion and fine grinding systems

The dissolver DISPERMAT® CA can also be used with the modular dispersion and fine grinding systems as a vacuum dissolver, bead mill, basket mill, homogenizer and dissolver for high viscous products.

Features

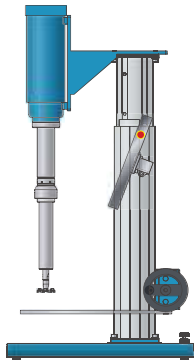
Technical data

DISPERMAT® type	Power kW	Speed rpm	Torque Nm	Stand type
Dissolver DISPERMAT® CA20	0.55	0 – 20000	0.5	H2L
Dissolver DISPERMAT® CA40	1.5	0 – 20000	1.5	H2L

Product quantities

DISPERMAT® type	low-viscosity up to 500 mPs	medium-viscosity 500 – 5000 mPs	high-viscosity over 5000 mPs
Dissolver DISPERMAT® CA20	0.05 – 5 liters 1.7 oz – 1.3 gallons	0.05 – 3 liters 1.7 oz – 3.2 qt	0.05 – 1,5 liters 1.7 oz – 1.6 qt
Dissolver DISPERMAT® CA40	0.05 – 15 liters 1.7 oz – 4 gallons	0.05 – 8 liters 1.7 oz – 2.1 gallons	0.05 – 4 liters 1.7 oz – 1.1 gallons

Stand



DISPERMAT® CA Stand H2L	
Dimensions W x H x D	74 x 149 x 55 cm 29 x 59 x 22 inch
Height adjustment	electric
Container capacity	0.125 – 25 litres 4.2 oz – 6.6 gallons
Container clamping range Ø	5 – 35 cm 2 – 13.8 inch

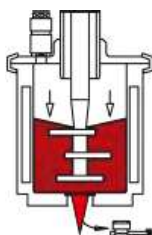
Container height	47 cm 18.5 inch
Weight	170 kg 375 lbs

Adaptable systems



APS Bead Mill

Modular bead mill for DISPERMAT® dissolvers.



The addition of the modular APS bead mill converts the DISPERMAT® dissolver into a closed batch ...

APS BEAD MILL



TORUSMILL® TML Basket Mill

Modular basket mill for DISPERMAT® dissolvers



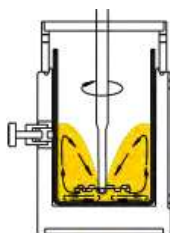
The addition of the modular TML basket mill converts the DISPERMAT® dissolver into an extremely ...

TORUSMILL® TML BASKET
MILL



CDS Vacuum Dispersion System

Modular vacuum system for DISPERMAT® dissolvers



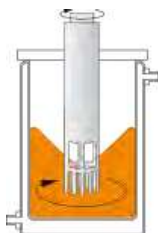
The CDS vacuum dispersion system enables the dispersion process in a completely closed system ...

CDS VACUUM DISPERSION
SYSTEM



SR Rotor-Stator Homogenizer

Modular rotor-stator dispersion system



Vertical high-performance rotor-stator systems for homogenizing, emulsifying, dispersing, mixing ...

SR ROTOR-STATOR
HOMOGENIZER



ASC Scraper System

Modular scraper system for DISPERMAT® dissolvers



ASC scraper system for dispersing, stirring and mixing of high-viscosity and non-flowing ...

ASC SCRAPER SYSTEM



TMS© Torque Meter

Modular torque meter for DISPERMAT® laboratory dissolvers



TMS© is an optional torque meter for dispersing machines of DISPERMAT® CA and AE series. ...

**TMS© TORQUE
METER**

Accessories

Dispersion containers and dissolver discs for the DISPERMAT® CA disperser

DISPERMAT®	Dispersion containers	Dissolver discs Ø
Dissolver DISPERMAT® CA20	0.125 – 25 litres	20 – 80 mm
Dissolver DISPERMAT® CA40	0.125 – 25 litres	20 – 125 mm