

Module A-22

# WET DISPERSION UNIT

Order No. 22.8500.00

## PRODUCT DETAILS

PRODUCT INQUIRY

## TECHNICAL DATA

Dispersion	wet
Dispersible particle size	0.01 - 2100 µm
Volume of sample circuit	300 - 500 ml
Ultrasonic power and frequency	100 W / 36 kHz
Liquid pump rate	6.8 l/min
Depth of the measuring plane in laser beam	4 mm
Maximum particle size which can be dispersed	2100 µm
Maximum viscosity of the utilized liquid	approx. 20 mPa • s
Materials used in the sample circuit*	high-quality stainless steel 1.4404 (SS316L), PTFE, BK7 glass, Viton® Extreme, Silicone-hoses
Voltage	100-120 / 200-240 V/1~ (voltage indicated by customer is set)
Frequency	50 – 60 Hz
Input power	100 Watt
Dimensions (W x D x H)	32 x 62 x 44 cm
Weight	30.8 kg

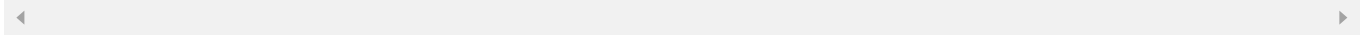
## SUITABLE FOR THE FOLLOWING MEASUREMENTS

Wet-measurement with a typical volume concentration of 0.01 to 0.5 % depending on the particle size and the optical characteristics of the material to be analysed.

## **AUTOMATION OF MEASUREMENT SERIES**

FRITSCH AutoSampler: Ideal for efficient automation of measurement series: 26 positions for 40 ml containers are available for automatic sample feeding as a simple attachment for the wet dispersion unit of the ANALYSETTE 22.

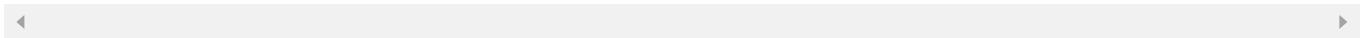
[DETAILS AUTOSAMPLER](#)



## **\*CHEMICAL RESISTANCE**

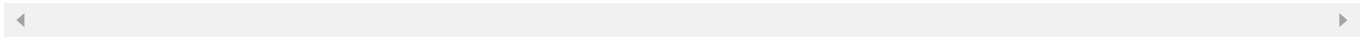
All areas of the wet dispersion units coming in contact with dispersion fluids are made of different materials. You can download a list of chemicals for the different dispersion units here.

[LIST OF SUITABLE CHEMICALS](#)



## **ISO 13320**

[TECHNICAL SPECIFICATIONS ACCORDING TO ISO 13320](#)



## **PARTICLE SIZING REPORT DATABASE**

SEARCH FOR MATERIAL:

SEARCH FOR INSTRUMENT:

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**INDIVIDUAL PARTICLE ANALYSIS**

Send us your sample. We conduct a particle analysis and recommend the right device for your application.

TO PARTICLE ANALYSIS