

# MICCRA D-1

NOT YOUR ORDINARY HOMOGENIZER

MORE  
POWERFUL  
NEW ERGONOMIC  
DESIGN

The all-new **MICCRA D-1** is a small and lightweight dispersing and homogenizing device with a unique volume range from 0.1 up to 500 ml.

It was especially developed for volumes treated in the bio/gene- and food technology, etc.

An economic drive at a competitive price, more powerful and high-speed than comparable systems on the market.

- Immense speed stability thanks to high performance 145 Watt drive
- Ideal for manual operation thanks to its light weight and new ergonomic design
- Usable as handheld or post-mounted device
- AISI 316L stainless steel dispersing tools (5 mm, 8 mm and 14 mm diameter) can be cleaned and dismantled quickly and easily

#### Included with delivery:

- Boss head KM20 (for stationary work)
- Extension bar

For further information, visit our website:

[www.miccra.com](http://www.miccra.com)



**miccra**

## Separately available dispersing tools

### DS-5/PE

Material: 316 L SS  
Stator type: Stator 5 mm ZKS  
Rotor type: Cutting rotor  
Tool length: 115 mm  
Treatable volume (ref. to H2O): 0,1 - 20 ml  
Bearing type: PTFE (plain white)



### DS-8/P

Material: 316 L SS  
Stator type: Stator 8 mm ZKS  
Rotor type: Cutting rotor  
Tool length: 155 mm  
Treatable volume (ref. to H2O): 1,0 - 100 ml  
Bearing type: PTFE (plain white)



### DS-14/P

Material: 316 L SS  
Stator type: Stator 14 mm ZKS  
Rotor type: Cutting rotor  
Tool length: 200 mm  
Treatable volume (ref. to H2O): 10 - 500 ml  
Bearing type: PTFE (plain white)



## Separately available accessories:

- Plate stand PS 300/AE
- H-type stand HS 400



## Technical Data

Motor rating input	145 W
Motor rating output	95 W
Volume range (H2O)	0,1 - 500 ml
Viscosity max.	6000 mPas
Speed range	14.000 - 34.000 rpm
Speed display	scale 1-6
Speed control	stepless
Noise level	65 dB(A)
Process type	batch
Dimensions (Diameter x height)	50 x 245 mm
Weight	0.9 kg
Permissible ambient temperature	5 - 50 °C
Permissible relative moisture	80 %
Protection system/safety class	IP 20 / II
Voltage	230 / 115 / 100 V
Frequency	50/60 Hz
Ident-No.:	01 00 00



# MICCRA D-9

WORLD'S HOMOGENIZING AUTHORITY

The **MICCRA D-9** is a compact and lightweight dispersing and homogenizing device with a unique volume range from 0.1 up to 20.000 ml.

An economic drive at a competitive price, more powerful and high-speed than comparable systems on the market.

- Immense speed stability thanks to high performance 850 Watt drive, unique speed range up to 39.000 rpm
- Quickest and finest possible processing results within a few seconds, according to application
- Ideal for manual operation thanks to its light weight and ergonomic design
- Usable as handheld or post-mounted device
- AISI 316L stainless steel dispersing tools, easy to clean and quickly to dismount
- Warranty: 5 years

For further information, visit our website:

[www.miccra.com](http://www.miccra.com)

Made in Germany, what else?



The logo for MICCRA, featuring a stylized 'm' with four dots above it, followed by the word 'iccra' in a bold, lowercase sans-serif font.

DESIGNED &  
MANUFACTURED IN  
GERMANY

A graphic of the German flag (black, red, and gold horizontal stripes) curved into a shape that frames the text.

## Separately available dispersing tools

### Pico

Our „PICO“ biotech tool range applies particularly for smaller sample quantities in the bio and gene-technological sample preparation, especially in PCR diagnostics.

Whether you would like to extract RNA or cut up fabric for other analysis procedures.



### Vario

The application range in science, research and production is various. Due to our „quick-change-system“, the disassembly and change are very easy.

The modular system results in cost savings and frees up working space. Due to newly developed rotors even better results are achieved, even by a cutback of our tool diversity.



### VarioFlex

Our economic „2/P-bundles“ consist of a coarse and a fine stator each, as well as a rotor.

The desired end fineness is achieved by changing the stator from coarse to fine without large expenditure by the „quick-change-system“.



### Separately available accessories:

- Plate stand PS 300/AE
- H-type stand HS 400



### Technical Data

Power input:	850 Watt
Power output:	495 Watt
Volume range:	0,1 - 20.000 ml
Speed range:	10.000 - 39.000 rpm
Speed adjustment:	Yes
Electronic stabilizer:	No
Weight:	1,4 kg
Dimensions:	66 x 66x 232 mm
Protection system/safety class:	IP 20 / II
Overload protection:	Thermal sensor
Safety switch:	Yes
Smooth start:	Yes
Warranty:	5 years



# MICCRA D-15

WORLD'S HOMOGENIZING AUTHORITY

The  
**1520 Watt**  
**HOMOGENIZER**  
powerful & reliable

The **MICCRA D-15** is a compact and lightweight dispersing and homogenizing device with a unique volume range from 0.1 up to 100.000 ml.

An economic drive at a competitive price, more powerful and high-speed than comparable systems on the market.

- Immense speed stability thanks to high performance 1520 Watt drive, unique speed range up to 33.600 rpm
- Quickest and finest possible processing results within a few seconds, according to application
- Ideal for manual operation thanks to its light weight and ergonomic design
- Usable as handheld or post-mounted device
- AISI 316L stainless steel dispersing tools, easy to clean and quickly to dismount
- Warranty: 5 years

Made in Germany, what else?

For further information, visit our website:

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**miccra**

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MANUFACTURED IN  
GERMANY

## Separately available dispersing tools

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### VarioFlex

Our economic „2/P-bundles“ consist of a coarse and a fine stator each, as well as a rotor.

The desired end fineness is achieved by changing the stator from coarse to fine without large expenditure by the „quick-change-system“.



### Separately available accessories:

- Plate stand PS 300/AE
- H-type stand HS 400



### Technical Data

Power input:	1520 Watt
Power output:	900 Watt
Volume range:	0,1 - 100.000 ml
Speed range:	8.800 - 33.600 rpm
Speed adjustment:	Yes
Electronic stabilizer:	Yes
Weight:	2 kg
Dimensions:	70 x 70 x 270 mm
Protection system/safety class:	IP 20 / II
Overload Protection:	Thermal Sensor
Safety switch:	Yes
Smooth start:	Yes
Warranty:	5 years

