

# NEXOPART EML 450 digital plus N

For wet sieving

clamping system  
Classic or quick  
clamping system  
NEXOPART TwinNut

max. weight of  
full sieve tower:  
42 kg

sieve dimensions  
up to 450 mm

information will be  
engraved on the sieve

lid for wet sieving with  
inspection glass and  
spray diffuser

separate  
control unit

electromagnetic drive

cast aluminium  
housing

## **NEXOPART EML 450 dp N:**

The 3-D laboratory test sieve shaker for analysis of up to 15 kg wet bulk material.

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## Product features

### DRIVE/CONTROL

- self-readjusting amplitude
- forced regulated three dimensional sieving action
- all-electronic control
- separate control gear, wall fixing possible
- 3,000 impulses per minute (50 Hertz)
- calibratable test equipment acc. to ISO 9001

### HOUSING

cast aluminium housing

### USE

- use of different sieve diameters and reduction pieces
- possible.

The following diameters can be used:

450/ 400/ 350/ 315/ 305/ 300 mm without additional accessories

250 mm with reduction piece: 206829504

200/ 203 mm with reduction piece: 205323386

**Note:** For wet sieving, bases are also required for sieve pans < 400 mm, as otherwise the outlets rest on the vibrating plate.

### OPERABILITY

- saving function for 10 sieving programs

### CERTIFICATION

- inspection certificate 3.1 acc. to DIN EN 10 204 for a fee
- IQ/OQ documentation for a fee

### DESIGN

- robust and solid form



## Sieve loading

Sieve Ø	Nominal height	Adapter kit	max. number of sieves
203	50	205323386	15
203	32	205323386	24
200	50	205323386	15
200	32	205323386	24
250	55	206829504	14
300	60		13
300	30		25
305	60		13
315	75		11
350	60		13
400	65		13
450	70		11

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# TECHNICAL SPECIFICATIONS AT A GLANCE.

## EML 450 digital plus T

## EML 450 digital plus N

Sieving analysis process	Sieving	Sieving
Measurement range	20 µm - 125 mm	20 µm - 125 mm
max. sieving material batch	approx. 15 kg	approx. 15 kg
Sieve tower weight	max. 42 kg	max. 42 kg
Sieve diameter	200 mm - 450 mm	200 mm - 450 mm
Dry sieving	yes	yes
Wet sieving	no	yes
Voltage	110 V, 50 - 60 Hz 230 V, 50 - 60 Hz	110 V, 50 - 60 Hz 230 V, 50 - 60 Hz
Amplitude	freely selectable up to 2 mm	freely selectable up to 2 mm
Amplitude adjustment	constant and self-adjusting amplitude	constant and self-adjusting amplitude
Timer	0-99 minutes / constant operation	0-99 minutes / constant operation
Operation type	interval / constant	interval / constant
Interval	adjustable	adjustable
Program memory locations	01-10	01-10
Calibratable test equipment	yes, acc. to ISO 9001	yes, acc. to ISO 9001
Interface	yes	yes
Dimension W x D x H	585 x 575 x 1300 mm	585 x 575 x 1300 mm
Weight	135 kg, net	135 kg, net
Color	RAL 9003, signal white	RAL 9003, signal white
Material no.	205322631 (Classic, 230 V, 50-60 Hz) 205322662 (Classic, 110 V, 50-60 Hz) 205322815 (NEXOPART TwinNut, 230 V, 50-60 Hz) 205322822 (NEXOPART TwinNut, 110 V, 50-60 Hz)	205322648 (Classic, 230 V, 50-60 Hz) 205322839 (NEXOPART TwinNut, 230 V, 50-60Hz)

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