# 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

separate control unit

lid for wet sieving with inspection glass and spray diffuser

information will be engraved on the sieve

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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simplicity for your lab

# Product features

DRIVE/CONTROL
- self-readjusting amplitude
- forced reglulated 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

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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 |
| max. number of sieves | 13 (400 x 65 mm) | 13 (400 x 65 mm) |
| Dry sieving | yes | yes |
| Wet sieving | no | yes |
| Voltage | 110 V, 50 - 60 Hz<br>230 V, 50 - 60 Hz | 110 V, 50 - 60 Hz<br>230 V, 50 - 60 Hz |
| Amplitude | freely selectable up to 2 mm | freely selectable up to 2 mm |
| Amplitude adjustment | constant and<br>self-adjusting amplitude | constant and<br>self-adjusting amplitude |
| Timer | 0-99 minutes /<br>constant operation | 0-99 minutes /<br>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)<br>205322662 (Classic, 110 V, 50-60 Hz)<br>205322815 (NEXOPART TwinNut, 230 V, 50-60 Hz)<br>205322822 (NEXOPART TwinNut, 110 V, 50-60 Hz) | 205322648<br>(Classic, 230 V, 50-60 Hz)<br>205322839<br>(NEXOPART TwinNut, 230 V, 50-60Hz) |

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