

NEXOPART air jet sieve machine e200 LS

For very fine powders. Simple and flexible.



* Please note that it is mandatory to order a suction unit for the air jet sieve machine.

DRIVE/ CONTROL

- reduced noise with intake silencer
- innovative diagnostic tool with self-monitoring of all electronic components

HOUSING

- stainless steel cast housing
- clean connection concept - cables and connections are built into the device

DESIGN

- modern design- perfect for the laboratory environment

SCOPE OF DELIVERY

- basic device
- software included - depending on customer requirements
- sieve adapter
- slotted nozzle
- acrylic glass cover
- intake silencer
- hammer and brush
- device connection cable

CERTIFICATION

- IQ/OQ documentation available for BASIC version and above for a fee

NEXOPART e200 LS:

Is ideally suited for the user with special requirements for fast, accurate and comparable measurement results and high reproducibility.

NEXOPART

simplicity for your lab

TECHNICAL SPECIFICATIONS AT A GLANCE.

	e200 LS LITE	e200 LS BASIC	e200 LS ULTIMATE	e200 LS SECURITY
Method of analysis	air jet sieving	air jet sieving	air jet sieving	air jet sieving
Measurement range (\varnothing 200*/203 mm) (\varnothing 76 mm*)	20 μ m - 4 mm 10 μ m - 2,5 mm	20 μ m - 4 mm 10 μ m - 2,5 mm	20 μ m - 4 mm 10 μ m - 2,5 mm	20 μ m - 4 mm 10 μ m - 2,5 mm
Max. sieving material batch	approx. 30 g	approx. 30 g	approx. 30 g	approx. 30 g
Dry sieving	yes	yes	yes	yes
Wet sieving	no	no	no	no
Voltage	90 - 264 V, 50/ 60 Hz	90 - 264 V, 50/ 60 Hz	90 - 264 V, 50/ 60 Hz	90 - 264 V, 50/ 60 Hz
Underpressure	1500 - 5000 Pa	1500 - 5000 Pa	1500 - 5000 Pa	1500 - 5000 Pa
Air flow rate	70 - 130 (m ³ /h)	70 - 130 (m ³ /h)	70 - 130 (m ³ /h)	70 - 130 (m ³ /h)
Protection class	IP 54	IP 54	IP 54	IP 54
Speed	18 (1/min)	18 (1/min)	18 (1/min)	18 (1/min)
Dimensions L x B x T	535 x 370 x 386 mm	535 x 370 x 386 mm	535 x 370 x 386 mm	535 x 370 x 386 mm
Weight	approx. 17 kg, net	approx. 17 kg, net	approx. 17 kg, net	approx. 17 kg, net
Feature	manual underpressure control one-touch-operation	automatic underpressure control central parameter management of sieves balance communication via RS-232 interface	automatic saving and printing sieve set management (SOP) automatic backup	software validation classified compliant FDA 21 CFR Part 11
Order No.	210886500	210886531	210886555	210886562

*only possible with additional adapter.

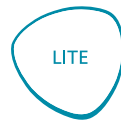
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BASIC FUNCTIONS

User administration with authorisation levels	2 levels	2 levels	2 levels	up to 5 levels
System data display/ device settings	yes	yes	yes	yes
13 languages available (EN, DE, FR, ES, IT, CS, JA, PT, RU, TR, ZH, PL, HU)	yes	yes	yes	yes
Change measurement unit (weight, length, underpressure)	no	no	yes	yes
Change display accuracy (weight, ratio)	no	no	yes	yes
Audio (acoustic signal for keyboard feedback)	no	no	yes	yes
USB keyboard, mouse, barcode scanner	no	yes	yes	yes
Ethernet port	no	no	yes	yes
Printer via USB or LAN	no	no	yes	yes
Screenshot function	no	no	yes	yes
Demo version available for 30 days	no	yes	yes	yes
Connection of different vacuum cleaners (option)	yes	no	no	no

LABORATORY BALANCES

Standard balance driver (Sartorius/Mettler)	no	yes	yes	yes
Balance driver list upgradable by update	no	no	yes	yes
Balance values can be set with preceding signs	no	no	yes	yes

TEST SIEVE

Automatic sieve recognition (RFID)	no	yes	yes	yes
Mesh size unit selectable (µm, mm, ASTM)	no	no	yes	yes
Individual parameterisation of sieving time and underpressure per test sieve	no	no	yes	yes
Test sieve cleaning	no	yes	yes	yes

SIEVING

Sieving	manual	manual	manual, SOP	manual, SOP
Result output selectable (relative/absolute value)	no	only in %	in g or in %	in g or in %
Automatic underpressure parameterisation	no	central for all sieves	individual	individual

SIEVE SET MANAGEMENT

Sieve set management (SOPs)	no	no	yes	yes
Import sieve set	no	no	yes	yes
Export sieve set	no	no	XML	XML

ARCHIVE MANAGEMENT

Display analysis result	no	display	display, printer, PC	display, printer, PC
External document archive adjustable via USB, LAN or FileServer	no	no	yes	yes
Save the analysis results to the ext. document archive	no	no	manual/automatic	automatic

EVALUATION

Tabular evaluation	no	yes	yes	yes
Graph: cumulative curve, RRSB, histogram	no	no	yes	yes
Calculation of three individual dx values	no	no	yes	yes
Graphic sieve analysis comparison (≤ 5) on display	no	no	yes	yes
Results evaluation against set-point specification (tabular & graphical)	no	no	yes	yes

IMPORT/ EXPORT/ PRINT

Laboratory Information and Management Systems (LIMS)-capable	no	no	yes	yes
Analysis report output to printer	no	no	manual/automatic	manuell/automatic
XML / PDF data export	no	no	yes	yes
Summary / daily report can be generated	no	no	yes	yes
User list can be generated	no	no	no	yes

UPDATE/ BACKUP/ RESTORE

Backup	no	manual	manual/automatic	manual/automatic
Restore	no	yes	yes	yes
Update / upgrade of software, firmware, OS	yes	yes	yes	yes
Migration of XML and CSV legacy data from predecessor model	no	no	yes	yes
Audit-Trail (21 CFR Part 11) incl. electronic signature	no	no	no	yes

SERVICE

Yearly calibration service (optional)	yes	yes	yes	yes
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