

# NEXOPART air jet sieve machine e200 LS

For very fine powders. Simple and flexible.

automatic sieve  
detection (RFID)

sieve diameter  
76 mm, 200 mm  
and 203 mm



integrated software,  
four packages available  
and upgradeable

Ethernet, RS-232 +  
3× USB ports

vacuum cleaner  
connection for auto-  
matic vacuum pressure  
regulation\*

\* 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

- sleek and plain form - 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 (ø 200 / 203 mm) (ø 76 mm)	20 µm - 4 mm	20 µm - 4 mm	20 µm - 4 mm	20 µm - 4 mm
Max. sieving material batch	10 µm - 2,5 mm	10 µm - 2,5 mm	10 µm - 2,5 mm	10 µm - 2,5 mm
Dry sieving	approx. 30 g	approx. 30 g	approx. 30 g	approx. 30 g
Wet sieving	yes	yes	yes	yes
	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 (m³/h)	70 - 130 (m³/h)	70 - 130 (m³/h)	70 - 130 (m³/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	20 kg, net	20 kg, net	20 kg, net	20 kg, net
Feature	manual underpressure control	automatic underpressure control	automatic saving and printing	software validation classified compliant FDA 21 CFR Part 11
	one-touch-operation	central parameter management of sieves	sieve set management (SOP)	
		balance communication via RS-232 interface	automatic backup	
Order No.	210886500	210886531	210886555	210886562

### NEXOPART GmbH & Co. KG

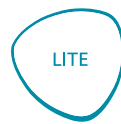
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Functional extensions are possible at any time via an upgrade



## BASIC FUNCTIONS

	<b>2 levels</b>	<b>2 levels</b>	<b>2 levels</b>	<b>up to 5 levels</b>
User administration with authorisation levels	yes	yes	yes	yes
System data display/ device settings	yes	yes	yes	yes
13 languages available (CZ, DE, US, ES, FR, JP, BR, RU, TR, CN, HR, PL, IT)	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)	<b>no</b>	<b>only in %</b>	<b>in g or in %</b>	<b>in g or in %</b>
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	<b>no</b>	<b>no</b>	<b>manual/automatic</b>	<b>automatic</b>

## 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	<b>no</b>	<b>no</b>	<b>manual/automatic</b>	<b>manuell/automatic</b>
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	<b>no</b>	<b>manual</b>	<b>manual/automatic</b>	<b>manual/automatic</b>
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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