

Sieve Shakers, RETSCH

Type AS 400 control, AS 200 tap and AS 200 jet

① Application AS 400 control:

The AS 400 control is used for dry sieving with analysis sieves of up to 400 mm diameter. Due to the even, horizontally rotating sieving movement, the material to be sieved accurately separated.

Features:

- Sieving with rotating movements according to DIN 53 477
- Digital setting of all sieving parameters (time, speed, interval)
- Up to 9 SOPs can be stored
- Integrated interface for the evaluation software EasySieve®

Article	Order No.
AS 400 control	54 29 22001
Clamping device "standard" for analytical sieves 400 mm Ø	10 29 22010
Clamping device "comfort" for analytical sieves 400 mm Ø	10 29 22011

Please order clamping unit, sieves and bottom separately.
The clamping units of AS 200 and AS 300 fit as well

② Sieve Shaker AS 200 tap

Application AS 200 tap:

For defining the grain size of certain products, for example activated carbon, abrasives, coal, spices, and diamonds in accordance with the respective standards.

Features:

- Horizontally rotating movement of the sieving material with vertical knock impulses
- Suitable for dry-sieving
- Robust, maintenance-free

Article	Order No.
AS 200 tap	10 29 25101
incl. sound enclosure cabinet	

Sieves and sieve bottom please order separately.

③ Sieve Shaker AS 200 jet

Application AS 200 jet:

The Air Jet Sieve AS 200 jet is particularly suitable for sieve cuts of powdered materials which require efficient dispersion and desagglomeration.

Features:

- Open Mesh function for reduction of the number of near-mesh particles
- For RETSCH sieves 203 mm (8") and 200 mm (with adapter), 25 and 50 mm high
- Collection of two fractions possible by use of cyclone (accessory)
- Free manual (standard) or automatic (accessory) pressure regulation
- High flexibility through adjustable nozzle speed
- Memory for up to 9 SOPs, additional Quick Start mode

Article	Order No.
Analytical sieve AS 200 jet	10 29 27001
Industrial vacuum cleaner, 230 V, 50/60 Hz	10 29 28004
Cyclone with holder and collecting receptacle (250 ml and 500 ml sample bottle)	10 29 25008
Automatic vacuum regulation	10 29 21002

Sieves and industrial vacuum cleaner please order separately.



Technical data:

	AS 400 control	AS 200 tap	AS 200 jet
Sieving motion:	Horizontal movement	Horizontal, circular movement with taps	Air jet sieving
Measuring range:	45 µm - 63 mm	20 µm - 25 mm	10 µm - ~4 mm
Dry/Wet measurement:	yes / no	yes / no	yes / no
Max. batch/ feed capacity:	5 kg	3 kg	0.3 – 100 g
Suitable sieve sizes (mm):	100 / 150 / 200 / 203 / 305 / 315 / 400	200 / 203	200 / 203
Max. numbers of fractions (depending on sieve size):	7 / 9 / 17	7 / 13	1 / 2 with cyclone
Max. mass of sieve stack:	15 kg	6 kg	–
Setting of speed:	digital, 50–300 min ⁻¹	–	digital, 5–55 min ⁻¹ (jet)
Sieve acceleration:	0.04 – 1.51 g	–	–
Oscillations/ Taps:	–	280 min ⁻¹ / 150 min ⁻¹	
Time display:	digital, 1–99 min	digital, 1–99 min	digital, 00:00–99:59 min
Interval operation:	yes	–	–
Depression indicator:	–	–	2–9999 Pa / 20–99 mbar / 0.3–1.45 psi
Programs:	9	–	9
Incl. Test certificate/ can be calibrated:	yes	–	yes
Serial interface:	yes	yes	yes
Max. height of sieve stack:	450 mm	350 mm	50 mm
Dimensions (W×H×D):	540×260×507 mm	735×675×530 mm with sound enclosure cabinet	460×288×305 mm
Weight (net):	approx. 70 kg	approx. 92 kg with sound enclosure cabinet	approx. 14 kg

