

NESSY series

Technical data

Systems		NESSY 1200	NESSY 1900
Coating technology		DC or DC pulsed sputtering (optional: RF sputtering)	
Coating material		Mo, Si, Cr, Sc and different materials for diffusion-barrier layers and capping layers	
Sputter source		Up to 6 PK	Up to 6 PK
		250 mm x 100 mm	600 mm x 125 mm
Base pressure		$9 \cdot 10^{-9}$ mbar	$9 \cdot 10^{-9}$ mbar
Planetary-drive speed		0 – 5 rpm	0 – 5 rpm
Rotation-table speed*		0 – 500 rpm	0 – 500 rpm
Loading capacity (standard)		1 x Ø 200 mm / 8"	1 x Ø 300 mm / 12"
		max. 20 kg (incl. carrier)	max. 30 kg (incl. carrier)
Loading capacity (optional)		n.a.	1 x ≤ Ø 660 mm / 26"
			max. 100 kg* (incl. carrier)
Floor plan layout **	Footprint	5.8 m x 4.5 m / 228" x 177"	7.0 m x 6.5 m / 276" x 256"
	System height	2.7 m / 106"	2.9 m / 114"
Site requirements	Electric power	94 kVA	94 kVA
	Line voltage	400 VAC, 50/60 Hz	400 VAC, 50/60 Hz
	System weight**	7500 kg	9700 kg