LEYBOLD OPTICS CCS series

Technical data

System		LEYBOLD OPTICS CCS 610	LEYBOLD OPTICS CCS 610+	LEYBOLD OPTICS CCS 700
Substrate holder		Flip-over	Full-dome	Full-dome
Loading capacity [pcs.]	Ø 65 mm	24	52	70
	Ø 70 mm	16	48	62
	Ø 75 mm	16	42	52
	Ø 80 mm	16	32	46
Process time	Single-side coated	--	35 min	30 min
	Both sides coated	50 - 55 min	70 min	60 min
Productivity Ø 70 mm / 8 h	Single-side coated	144 pairs	288 pairs	376 pairs
	Both sides coated	**72 pairs**	**144 pairs**	**188 pairs**
Components	Electron-beam gun	LEYBOLD OPTICS HPE 6	LEYBOLD OPTICS HPE 6	LEYBOLD OPTICS HPE 6
	Ion source	Mark I+	Mark I+	Mark I+
	Pre-vacuum pump	RA 100	RA 100	RA 100
	Turbomolecular pump	HiPace 1500	HiPace 1500	HiPace 2300
	Cryogenic refrigerator	optional	included	included
	Thermal evaporator	--	optional	optional

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