

LEYBOLD OPTICS CCS series

Technical data

| System | | LEYBOLD OPTICS CCS 6610 (Basic configuration) | LEYBOLD OPTICS CCS 6610 (Priority Upgrade) | LEYBOLD OPTICS CCS 6610+ (Superior Upgrade) |
|----------------------------|--------------------------|--|---|--|
| Substrate holder | | Flip-over | Flip-over | Full-dome |
| Loading capacity [pcs.] | Ø 65 mm | 24 | 24 | 52 |
| | Ø 70 mm | 16 | 16 | 48 |
| | Ø 75 mm | 16 | 16 | 42 |
| | Ø 80 mm | 16 | 16 | 32 |
| Process time | Single-side coated | -- | -- | 35 min |
| | Both sides coated | 65 - 70 min | 50 - 55 min | 80 min |
| Productivity Ø 70 mm / 8 h | Single-side coated | 112 pairs | 144 pairs | 288 pairs |
| | Both sides coated | 56 pairs | 72 pairs | 144 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 | D65 B | D65 B | D65 B |
| | Turbomolecular pump | HiPace 1500 | HiPace 1500 | HiPace 1500 |
| | Cryogenic refrigerator | -- | PFC 552 | PFC 552 |