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Leica CM3050 S
Cryostat (Refurbished)

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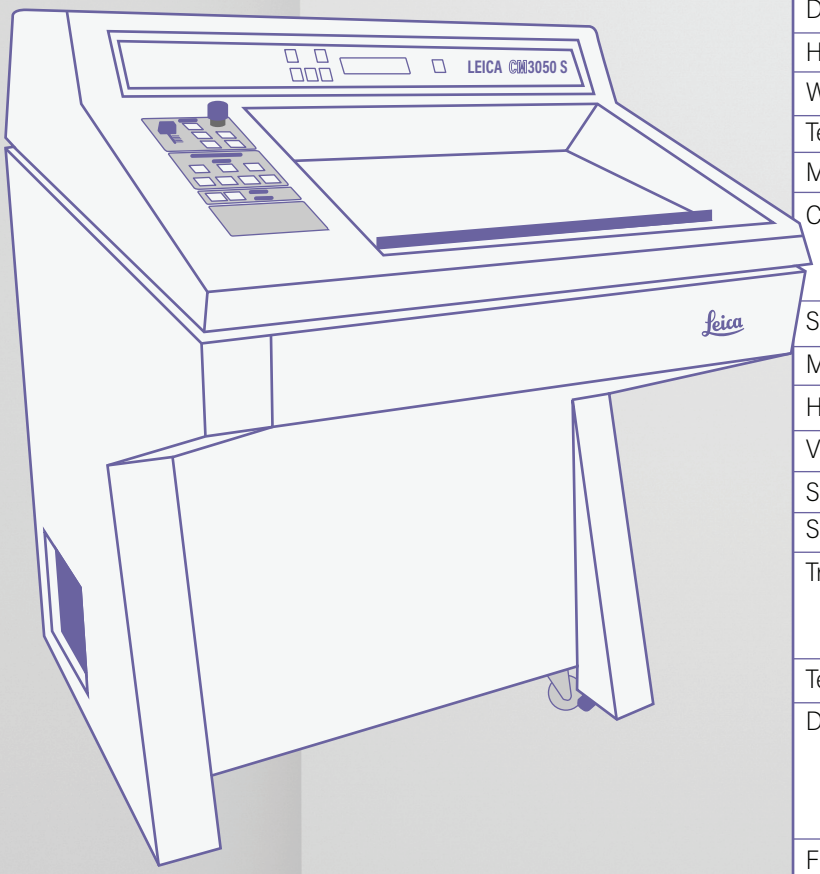
Cryostat (Refurbished)



SPECIFICATIONS	
Width:	32.36" (882 mm)
Depth:	30.16" (766 mm)
Height:	41" (1040 mm)
Weight (incl. microtome):	approx. 180 kg
Temperature setting range:	0°C to -40°C
Maximum specimen size:	40 x 55 mm
Cutting speed:	0.1 mm/s to 170 mm/s 0.1 mm/s to 100 mm/s Vmax: 210 mm/s
Section thickness setting	0.5 to 300 µm
Maximum specimen size	40 mm x 55 mm
Horizontal specimen feed	25 mm
Vertical specimen stroke	59 mm
Specimen retraction	50 pm
Specimen precision orientation	by 8° (x/y/z axis)
Trimming	5 to 150 µm ± 0,5 µm in steps of 5, 10, 30, 50, 100 and 150 µm
Temperature setting range	0°C to -40°C
Defrosting	programmable 1 automatic defrost cycle/24 h duration; from 6 to 12 min; manual defrosting
Freezing shelf temperature	Approx. -43°C at an ambient temperature of 22°C
Temperature setting range	-10°C to -50°C (+/-3 K)
Power draw	1800 VA

TECHNICAL SPECIFICATIONS	
Microtome	
Section thickness setting	0.5 to 300 µm
Maximum specimen size	40 mm x 55 mm
Horizontal specimen feed	25 mm
Vertical specimen stroke	59 mm
Specimen retraction	50 pm
Specimen precision orientation	by 8° (x/y/z axis)
Trimming	5 to 150 µm ± 0,5 µm in steps of 5, 10, 30, 50, 100, and 150 µm
Motorized coarse feed at two speeds	500 µm/s 1,000 µm/s
Cutting Motor	
Cutting speed ranges	0.1 mm/s to 170 mm/s 0.1 mm/s to 100 mm/s Vmax 210 mm/s

Cryochamber Cooling via separate refrigeration system	
Temperature setting range	0°C to -40°C
Defrosting	programmable 1 automatic defrost cycle/24 h duration: from 6 to12 min; manual defrosting
Freezing shelf temperature	Approx. -43°C at an ambient temperature of 22°C
Specimen Cooling (optional) via separate refrigeration system	
Temperature setting range	-10°C to -50°C (+/-3 K)
Defrosting	manual defrosting
Cryocabinet	
Dimensions (w/h/d)	882 x 1040 x 766 mm
Weight (incl. microtome)	approx. 180 kg
Power draw	1800 VA