

Bright Instruments		Cryostats					Microtomes		Other		
		Starlet	OTF 6000	8250	9400	9400XL	5050	8000	Clini-RF	Solid State Freezer	Water Chiller
Sectioning	Maximum specimen size (mm)	22mm diameter	70mm x 50mm	250mm x 110mm or 250mm x 170mm	400mm x 150mm x 120mm	400mm x 220mm x 300mm	70mm x 50mm	250mm x 110mm or 250mm x 170mm	-	-	-
	Section thickness range (µm)	2µm-12µm in 2µm steps or 4µm-24µm in 4µm steps	1µm-60µm in 1µm steps	1µm-40µm in 1µm steps	1µm-100µm in 1µm steps	1µm-100µm in 1µm steps	1µm-60µm in 1µm steps	1µm-40µm in 1µm steps	-	-	-
	Specimen orientation	Yes	Orientating head only	Optional feature	No	No	Orientating head only	Optional feature	-	-	-
	Solid knife option	No	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-
	Disposable blade option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-
	Motorised cutting	No	High spec only	Yes	Yes	Yes		No	-	-	-
	Manual cutting control	Yes	Yes	No	No	No	Yes	Yes	-	-	-
Refrigeration	Minimum temp (°C)	-35°C	Low spec -35°C, High spec -40°C	-30°C	-30°C	-30°C	-	-	-83°C	-32°C	
	Specimen Quick freeze plate	No	Yes	No	No	No	-	-	Yes	No	-
Other	Touchscreen	No	Yes	No	Yes	Yes	-	-	No	No	No
	Chamber light	No	Yes	Yes	Yes	Yes	-	-	No	-	-
	UV decontamination	No	Yes	No	No	No	No	No	No	-	-
	Anti Fog window	No	Yes	Yes	Yes	Yes	-	-	-	-	-
	Built in waste bottle	No	Yes	No	No	No	-	-	-	-	-
	Refrigeration alarm		Yes	Yes			-	-	-	-	-
	Security	No	Locking window with keyfob and password protection	No	Certain functions & parameters require a password	Certain functions & parameters require a password	No	No	No	No	No
	Size	315mm x 465mm x 546mm	1260mm x 765mm x 855mm	1645mm x 770mm x 980mm	?	?	292mm x 285mm x 516mm	325mm x 260mm x 610mm	1000mm x 450mm x 500mm	260mm x 145mm x 230mm	
	Weight (kg)	40kg	146kg	320kg	?	?	25kg	40kg	85kg	10kg	