

# Specifications

SmartClear II Pro Module			
Physical Characteristics	Product Type		SmartClear Pro: Tissue Clearing System
	Product Dimensions		144" (W) x 14.8" (D) x 16.1" (H) 366mm (W) x 375mm (D) x 410mm (H)
	Weight		55 lbs (25 kg)
	Operating Power/Frequency		AC 100~120V / 50~60Hz AC 200~240V / 50~60Hz
	Electrical Input		100~120V (5A) or 200~240V (3A)
Clearing Part	Chamber	Dimensions	1.8" (W) x 1.8" (D) x 1.7" (H) 46mm (W) x 46mm (D) x 42mm (H)
		Sample Rotation Speed	0 rpm ~10 rpm
		Sample Protection Method	Specialized nanoporous membrane
		Control Values	Current value Current upper limit Voltage value Voltage upper limit Electricity cycle Sample cup rotation speed/period Scheduling for sample cup rotation speed Polarity direction change (timer function) Electricity On/Off/Timer Buffer pump On/Off Temperature control
	Buffer Reservoir	Reservoir A	Buffer A for clearing tissue
		Reservoir B	Buffer B for cooling the electrode
		Reservoir Capacity	500mL each
	Cooling		Water circulation with hydraulic pump and cooling fan

Smart Box: SmartClear II Pro Control Module		
Physical Characteristics	Product Dimensions	8.3" (W) x 14.8" (D) x 10.4" (H)
	Weight	12 lbs (5 kg)
	Electrical Input	100~120V (15A) or 200~240V (8A)
Interface	LCD Monitor/Touch	RGB256 Color, 800 x 480 Pixel Resistive Touch
	Software	Beginner mode/Expert mode Fluorescent/Non-fluorescent preset