

## SPECIFICATIONS

Smart Clear II Module			
Physical Characteristics	Product Dimensions		14.4" (W) × 14.8" (D) × 16.1" (H) 366 mm (W) × 375 mm (D) × 410 mm (H)
	Weight		55lbs (25 kg)
	Operating Power/Frequency		AC 100~120V / 50~60Hz AC 200~240V / 50~60Hz
	Electrical Input		100~120V(5A) or 200~240V(3A)
	Operating Temperature		0~50°C
	Operating Humidity		10~90% (non-condensing)
	Altitude		~1000m
Clearing Part	Chamber	Dimension	103.5mm(W) x162mm(D) x 71mm(H)
		Electrical power for electrode	DC 0 ~ 200V / 0 ~ 1.5A
		Sample rotation speed	0rpm ~10rpm
		Sample protection method	Specialized nanoporous membrane window
		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	

Smart Box module : Control module			
Physical Characteristics	Product Dimensions		8.3" (W) × 14.8" (D) × 10.4" (H) 210 mm (W) × 375 mm (D) × 265 mm (H)
	Weight		12lbs (5 kg)
	Operating Power/Frequency		AC 100~120V / 50~60Hz AC 200~240V / 50~60Hz
	Electrical Input		100~120V(15A) 200~240V(8A)
	Operating Temperature		0~50°C
	Operating Humidity		10~90% (non-condensing)
	Altitude		~1000m
Interface	LCD Monitor/Touch	RGB256 Color, 800 x 480 Pixel Resistive Touch	
	Software	Beginner mode/Expert mode Fluorescent/Non-Fluorescent preset	