

## **PCR CABINET**



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## PCR Cabinet

DS-A12





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- PCR Cabinet DS-A12 features a slide glass window maximizing light and visibility for the workstation. Equipped with a washable pre filter and
- 2. 0.3 µm HEPA filter with a speed adjustable airflow velocity ranging from
- 0.3 m/s to 0.5 m/s. Motorized front and side anti-UV window enclosure with an opening of 300 mm ensures user protection. Built-in preset 90 mins UV timer automatically switches off post 90 mins in preparation for next experiment. UV lamp can be switched ON only on closure of front window ensuring user safety
- 4. Manual adjustment of front window, fixed side window HEPA Filter Efficiency 99.999% at 0.3  $\mu m$
- 5. LCD screen to view reading
- 6. Memory Function in case of Power failure
- 7. Side glass window maximizes visibility and light inside the cabinet Two waterproof sockets located in back wall for convenience Shelf with IV bar
- 8. Built-in pre-set 90 mins UV timer
- Interlock function (UV lamp can be switched ON upon closure of the front window)

MODEL NODS-A12Internal dimension (W x D x H)1100 x 595 x 550 mmExternal dimension (W x D x H)1200 x 700 x 1770 mmUV lamp30 W x 1Illumination lampLED 12 W X 2Work surface height750 mmWork table material304 stainless steelsMain body materialCold rolled steel with anti-bacteria powder coatingFront and side window material5 mm toughened glass window, anti-UVFront and side window orientationMotorizedMaximum window opening300 mmPre-filterWashable Polyester fiberHEPA filterHEPA Filter With 99.999% Efficiency at 0.3 μmAirflow velocity (speed adjustable)0.3 m/s to 0.5 m/sIllumination≥1000 LuxUV lamp emission253.7 nmUV lamp timer (preset)90 minsShelf with IV bar materialStainless steelShelf with IV bar dimension (W x D x H)502 x 150 x 50 mmCasterFeet levellingPower supplyAC 220 V . 50 Hz / 60 Hz AC 110 V . 60 HzPower consumption600 WWeight170 kg		
External dimension (W x D x H)  UV lamp  30 W x 1  Illumination lamp  LED 12 W X 2  Work surface height  750 mm  Work table material  Main body material  Front and side window material  Front and side window orientation  Maximum window opening  Pre-filter  HEPA filter  HEPA filter  HEPA filter  HEPA filter  Washable Polyester fiber  HEPA filter  HEPA filter  HEPA filter  With 99.999% Efficiency at 0.3 μm  Airflow velocity (speed adjustable)  UV lamp emission  UV lamp emission  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  AC 220 V ⋅ 50 Hz / 60 Hz AC 110 V ⋅ 60 Hz  Power consumption	MODEL NO	DS-A12
UV lamp  Illumination lamp  LED 12 W X 2  Work surface height  750 mm  Work table material  Main body material  Front and side window material  Front and side window orientation  Maximum window opening  Pre-filter  HEPA filter  HEPA filter  HEPA filter  HEPA filter  Washable Polyester fiber  HEPA filter  HEPA filter With 99.999% Efficiency at 0.3 μm  Airflow velocity (speed adjustable)  UV lamp emission  UV lamp emission  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  Power consumption  300 mm  Motorized  Washable Polyester fiber  HEPA Filter With 99.999% Efficiency at 0.3 μm  0.3 m/s to 0.5 m/s  1000 Lux  253.7 nm  UV lamp timer (preset)  Stainless steel  Shelf with IV bar material  Stainless steel  Shelf with IV bar dimension (W x D x H)  Caster  Feet levelling  Power consumption  600 W	Internal dimension (W x D x H)	1100 x 595 x 550 mm
Illumination lamp	External dimension (W x D x H)	1200 x 700 x 1770 mm
Work surface height       750 mm         Work table material       304 stainless steels         Main body material       Cold rolled steel with anti-bacteria powder coating         Front and side window material       5 mm toughened glass window, anti-UV         Front and side window orientation       Motorized         Maximum window opening       300 mm         Pre-filter       Washable Polyester fiber         HEPA filter       HEPA Filter With 99.999% Efficiency at 0.3 μm         Airflow velocity (speed adjustable)       0.3 m/s to 0.5 m/s         Illumination       ≥1000 Lux         UV lamp emission       253.7 nm         UV lamp timer (preset)       90 mins         Shelf with IV bar material       Stainless steel         Shelf with IV bar dimension (W x D x H)       502 x 150 x 50 mm         Caster       Feet levelling         Power supply       AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz         Power consumption       600 W	UV lamp	30 W x 1
Work table material       304 stainless steels         Main body material       Cold rolled steel with anti-bacteria powder coating         Front and side window material       5 mm toughened glass window, anti-UV         Front and side window orientation       Motorized         Maximum window opening       300 mm         Pre-filter       Washable Polyester fiber         HEPA filter       HEPA Filter With 99.999% Efficiency at 0.3 μm         Airflow velocity (speed adjustable)       0.3 m/s to 0.5 m/s         Illumination       ≥1000 Lux         UV lamp emission       253.7 nm         UV lamp timer (preset)       90 mins         Shelf with IV bar material       Stainless steel         Shelf with IV bar dimension (W x D x H)       502 x 150 x 50 mm         Caster       Feet levelling         Power supply       AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz         Power consumption       600 W	Illumination lamp	LED 12 W X 2
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coating  Front and side window material 5 mm toughened glass window, anti-UV  Front and side window orientation Motorized  Maximum window opening 300 mm  Pre-filter Washable Polyester fiber  HEPA filter HEPA filter With 99.999% Efficiency at 0.3 μm  Airflow velocity (speed adjustable) 0.3 m/s to 0.5 m/s  Illumination ≥1000 Lux  UV lamp emission 253.7 nm  UV lamp timer (preset) 90 mins  Shelf with IV bar material Stainless steel  Shelf with IV bar dimension (W x D x H) 502 x 150 x 50 mm  Caster Feet levelling  Power supply AC 220 V ⋅ 50 Hz / 60 Hz AC 110 V ⋅ 60 Hz  Power consumption 600 W	Work table material	304 stainless steels
Front and side window material 5 mm toughened glass window, anti-UV Front and side window orientation Motorized  Maximum window opening 300 mm  Pre-filter Washable Polyester fiber  HEPA filter HEPA filter With 99.999% Efficiency at 0.3	Main body material	Cold rolled steel with anti-bacteria powder
Front and side window orientation  Maximum window opening  Pre-filter  HEPA filter  Washable Polyester fiber  HEPA filter With 99.999% Efficiency at 0.3    µm  Airflow velocity (speed adjustable)  UV lamp emission  UV lamp emission  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  AC 220 V ⋅ 50 Hz / 60 Hz AC 110 V ⋅ 60 Hz  Power consumption  Motorized  Motorized  Motorized  300 mm  Post 0.5 m/s  LEPA Filter With 99.999% Efficiency at 0.3   µm  0.3 m/s to 0.5 m/s  Efficiency at 0.3   µm  0.3 m/s to 0.5 m/s  Ellow Lux  UV lamp emission  253.7 nm  UV lamp timer (preset)  90 mins  Stainless steel  Shelf with IV bar dimension (W x D x H)  Foet levelling  Power consumption  600 W		coating
Maximum window opening       300 mm         Pre-filter       Washable Polyester fiber         HEPA filter       HEPA Filter With 99.999% Efficiency at 0.3 μm         Airflow velocity (speed adjustable)       0.3 m/s to 0.5 m/s         Illumination       ≥1000 Lux         UV lamp emission       253.7 nm         UV lamp timer (preset)       90 mins         Shelf with IV bar material       Stainless steel         Shelf with IV bar dimension (W x D x H)       502 x 150 x 50 mm         Caster       Feet levelling         Power supply       AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz         Power consumption       600 W	Front and side window material	5 mm toughened glass window, anti-UV
Pre-filter  HEPA filter  HEPA filter  Airflow velocity (speed adjustable)  UV lamp emission  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  Power consumption  Washable Polyester fiber  HEPA Filter With 99.999% Efficiency at 0.3  μm  0.3 m/s to 0.5 m/s  ≥1000 Lux  253.7 nm  90 mins  Stainless steel  Stainless steel  Shelf with IV bar dimension (W x D x H)  502 x 150 x 50 mm  Feet levelling  Power consumption  600 W	Front and side window orientation	Motorized
HEPA filter  HEPA Filter With 99.999% Efficiency at 0.3   µm  Airflow velocity (speed adjustable)  0.3 m/s to 0.5 m/s  Illumination  ≥1000 Lux  UV lamp emission  253.7 nm  UV lamp timer (preset)  90 mins  Shelf with IV bar material  Stainless steel  Shelf with IV bar dimension (W x D x H)  Caster  Feet levelling  Power supply  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  Power consumption  600 W	Maximum window opening	300 mm
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Airflow velocity (speed adjustable)  Illumination  □ 1000 Lux  UV lamp emission  □ 253.7 nm  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Feet levelling  Power supply  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  Power consumption	HEPA filter	HEPA Filter With 99.999% Efficiency at 0.3
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UV lamp emission  UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  Power consumption  253.7 nm  90 mins  Stainless steel  Stainless steel  502 x 150 x 50 mm  Feet levelling  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  600 W	Airflow velocity (speed adjustable)	0.3 m/s to 0.5 m/s
UV lamp timer (preset)  Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  Power consumption  90 mins  Stainless steel  502 x 150 x 50 mm  Feet levelling  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  600 W	Illumination	≥1000 Lux
Shelf with IV bar material  Shelf with IV bar dimension (W x D x H)  Caster  Power supply  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  Power consumption  Stainless steel  502 x 150 x 50 mm  Feet levelling  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  600 W	UV lamp emission	253.7 nm
Shelf with IV bar dimension (W x D x H)  Caster  Feet levelling  Power supply  AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz  Power consumption  600 W	UV lamp timer (preset)	90 mins
Caster Feet levelling Power supply AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz Power consumption 600 W	Shelf with IV bar material	Stainless steel
Power supply AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz Power consumption 600 W	Shelf with IV bar dimension (W x D x H)	502 x 150 x 50 mm
Power consumption 600 W	Caster	Feet levelling
	Power supply	AC 220 V . 50 Hz / 60 Hz AC 110 V . 60 Hz
Weight 170 kg	Power consumption	600 W
	Weight	170 kg