

Lill Technical Parameters

	Parameters Model	Overall Dimensions (L×W×H)cm	Weight (Kg)	Water consumption /cycle	Power supply	Available volume	Capacity	Rated power (KW)	Water supply		
									Water pressure MPa	Water hardness	Water PH value
	Rider30B	45×74×95	90	45L	220V、50Hz	10L	1 pcs	2.5	0.3 ~ 0.5	Calcium carbonate concentrations <120mg/L	6.5~9
	Rider40B	89×74×95	180	45L	220V、50Hz	10L	2 pcs	2.5	0.3 ~ 0.5	Calcium carbonate concentrations <120mg/L	6.5~9

SHINVA MEDICAL INSTRUMENT CO., LTD

Address:Xinhua Medical Scientific Zone, Zibo New & Hi-Tech Industrial Development Zone, Shandong Province, P.R. China Sales Tel: +86 533 3587720 / 3587719 Email: sales@shinva.com
Website: www.shinva.com

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Rider30B/40B Endoscope Washer-Disinfector



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100% wash-disinfection

Omnibearing wash-disinfection

Rider30B/40B Endoscope Washer-disinfector adopts the full immersion method; while completely submerging the endoscope, it can completely submerge all surfaces that may touch the endoscope, such as the full surface of the tank and the lower surface of the door cover, ensuring that there are no dead corners for decontamination;

Endoscope pressure booster pump

Rider30B/40B each decontamination tank has an independent booster pump, which can realize the booster irrigation of biopsy/suction lumen, air/water inlet lumen and auxiliary inlet pipe lumen; the equipment automatically alerts in case of irrigation failure by monitoring the irrigation flow in real time;

External ultra-filtration filter

The equipment is equipped with 0.01 μ m stainless steel ultra-filtration filter, which is used for the primary filtration of the equipment water to ensure the decontamination effect;

Sterile water rinsing

The final rinsing water is sterilized by absolute precision 0.2µm water filter to avoid the contamination of the sterilized endoscope by unclean water;

Dry function

Rider30B/40B has a drying function to dry the endoscope lumen. The equipment has available air drying and alcohol drying for selection.







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Endoscope protection design

Leaking test function

The leaking test will finish before the endoscope contacts the liquid and will also keep testing during the operation. The system gives out audible signals, drains the water and will terminate operation as soon as the leaking detected.



Energy-caving design

• The Rider30B/40B features a unique liquid-saving design that reduces the use of equipment consumables; 9L of disinfectant is sufficient to achieve complete submersion of the endoscope, decontamination tank and the lower surface of the door cover.



Self-disinfection function

The self-disinfection cycle can be started during maintenance or after the termination of operation. The self-disinfection function enables thorough disinfection of the wash-disinfection tank (includes $0.2\mu m$ filter) and pipeline, to prevent the washer-disinfector from becoming the contamination source of .



Perfect medical workers protection

Auto door, foot switch

Visualized manual door, easy to observe the washing and disinfection; mechanical foot switch, easily open the door when in endoscopes in the hands. It realizes rapid opening and closing the door, stable performance, opening the door when power failure;

Closed disinfection

Rider 30B/40B adopts closed disinfection, the tank can be sealed after closing the door to avoid the disinfectant evaporation endangering the operator's health.



The chemical additives, such as washing solution, alcohol and disinfectant, are added automatically during the decontamination process to prevent the operator from being injured;

Automatic disinfectant sampling function

Rider30B/40B is equipped with automatic disinfectant sampling device, which is convenient for users to monitor the concentration of disinfectant and protect the safety of operators;

Auto disinfectant addition and discharge function

The Rider30B/40B has automatic disinfectant addition and discharge functions. To add disinfectant, simply pour disinfectant into the disinfection tank and start the disinfectant addition cycle; to discharge disinfectant, start the disinfectant discharge cycle.



Process traceability system

• Come with a built-in printer, which can print the cycle information in real time, and can also print the historical data repeatedly; the equipment can be connected to the traceability system to record, store and guery the cycle parameters, endoscope information, operator information, etc. .





