Perfect medical workers protection

- **Auto door, foot switch**
  The automatic visual glass door is adopted for observing the operation inside the tank. The door can be opened by gently kicking the foot switch.
- **Totally-enclosed**
  Rider wash-disinfection tank adopts totally-enclosed structure to avoid sanitizer odor leakage so that protects the medical workers.
- **Automatic adjuvant injection**
  Medical workers only need to link the adjuvant container with the tank through a connector to avoid harm that caused from manual adjuvant injection.

QPQ 50 series

QPQ 60 series

Parameters		QPQ 50A	QPQ 50B
Weight (Kg)		100 kg	110kg
Water consumption/cycle		25L	20L
Power supply		220V 50Hz	
Power (Kw)		4	4.5
Water supply	Water pressure Mpa	0.35～0.4	
	Water hardness	CaCo3 concentration<120mg/L	
	Water PH value	6.5～9	
Water drainage		Upper drainage	

Parameters		QPQ 60A	QPQ 60B
Weight (Kg)		200kg	220kg
Water consumption/cycle		25L	20L
Power supply		220V 50Hz	
Power (Kw)		8	9
Water supply	Water pressure Mpa	0.35～0.4	
	Water hardness	CaCo3 concentration<120mg/L	
	Water PH value	6.5～9	
Water drainage		Upper drainage	

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Rider Endoscope Washer-Disinfector

For health Be credible

WANROOE MEDICAL

万容机械有限公司
WANROOE MACHINERY CO., LTD.

Rider endoscope washer-disinfector

Rider endoscope washer-disinfector is professional automatic disinfection equipment that developed according to the standard ISO 15883-4.
It can work with various kinds of sanitizer such as: glutaraldehyde, peracetic acid, phthalic dicarboxaldehyde, chlorine dioxide, acidic electrolyzed oxidizing water.

Endoscope protection design

- **Leaking test function**

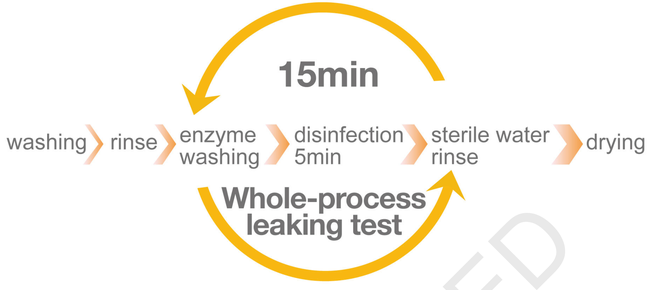
The leaking test will finish before the endoscope contacts the liquid and will also keep testing during the operation. The system gives out visual and audible signals and will terminate operation as soon as the leaking value exceeds the setting value.

- **Blocking test function**

The blocking test will start before the endoscope contacts the liquid and after the operation. The system gives out visual and audible signals and will terminate operation as soon as the pipe is blocked.

Self-disinfection function

The self-disinfection program can be started during maintenance or after the termination of operation. This function is design to disinfection for wash-disinfection tank (includes 0.2μm filter) and pipeline.



Most speedy wash and disinfection

An endoscope can be wash-disinfected within **15mins** by Rider which dramatically improves the endoscope turnover efficiency.

WANROOEMED

QPQ60 Series

Process traceability system

- **Process data printing**

For filing purpose, the printer will print all of process data timely during the operation.

- **Process data management**

The system collects information of endoscope and operator and connects the process data with computer managing system to achieve synchronization management of patient and disinfection information.

operator information read

endoscope information read

100% wash-disinfection

- **Omnibearing wash-disinfection**

The tank equipped with rotating nozzle and spray arm to wash the outer surface of the endoscope, in the meanwhile, the circulating water flow keeps flushing the endoscope from inside.

- **Endoscope pressure booster pump**

It is used for washing of tiny pipe, such as air/water injection nozzle, to reduce the formation probability of bacteria biofilm.

- **Sterile water rinse**

To avoid secondary contamination caused by unsanitary water, the endoscope will be rinsed by sterile water which filter by 0.2μm filter after disinfection.

- **Drying function**

It is used for drying the inner and outer surface of endoscope. Rider equipped with air drying and alcohol drying for user to select.