

Case Studies

Industry: Medical Equipment

Process: Medical Equipment Cleaning

Fully automating medical equipment cleaning without involving manual work in consideration of sanitation.

Cleaning of equipment used for medical examinations gets an operator nervous about sanitation.

A medical equipment manufacturer asks us for a solution to cleaning of a medical suction device.

Cleaning of a tank in the suction device after uses for medical examinations is time-consuming. It is also desired to avoid manual work in consideration of sanitation.

A preventive measure against accidents caused by the manual cleaning is as well required to be incorporated into medical device design.

The customer therefore intends to mount a fully automated cleaning function to the device.

Fully automated cleaning provides peace of mind.

The cleaning unit to be mounted into the suction device placed in an examination room needs to be compact and usable with tap water pressure.

A compact rotating cleaning nozzle is proposed and tested.

Having been confirmed to be used without problems, it is decided to be adopted and utilized.



Tank cleaning nozzles

ES series

Rotation is driven solely by the flow of the cleaning fluid without external power.

Operating pressure from 0.05 to 1.0 MPa enables a use with tap water.

Simple structure with less components for easier maintenance.

Selectable from a threaded connection type or pin connection type.



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