



IKEUCHI SPRAY UNIT

Three different types of foam
for optimum foam-cleaning or
sterilizing effect

Cleaner-foam Spray Nozzle Unit

AWA Cart



Designed in a mobile cart format.



Compact design with low center of gravity provides high installation stability.



Fluid level gauge visualizes residual liquid quantity.



Low-pressure foaming makes for less splattering.



Specialized foaming nozzle generates fine foams.



Detaching of nozzle tip alters foam spray pattern.*1

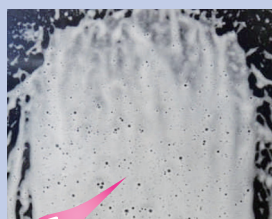
*1 With nozzle tip

Flat spray

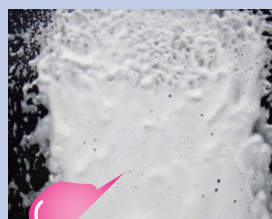
Without nozzle tip

Solid stream

The consistency of the foam is adjustable by varying air and liquid pressure.*2



Low density foam



Medium density foam



High density foam



Example at air pressure 0.3 MPa and cleaning agent dilution rate 1%.

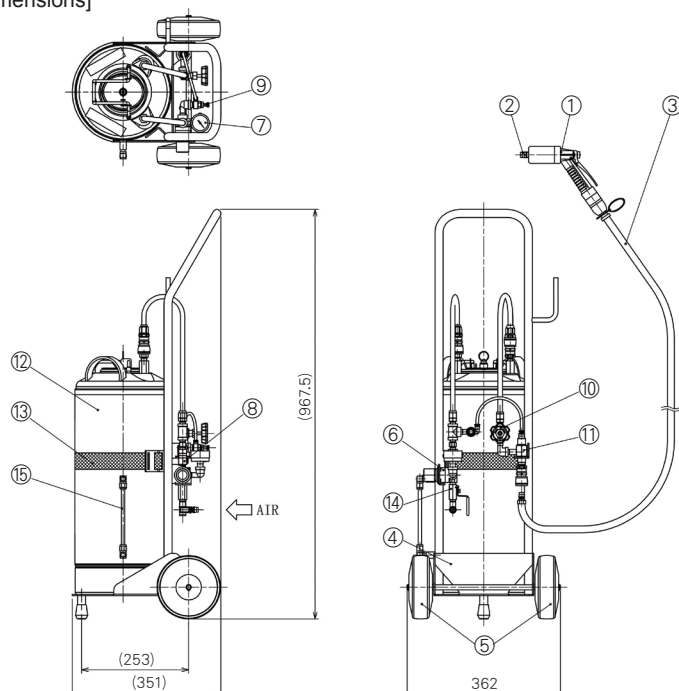
*2 Conditions for adjustment will vary depending on factors such as cleaning agent type and concentration.



"The Fog Engineers"
H. IKEUCHI & Co., LTD.

Structure and materials

[Dimensions]



Mass: approx. 12 kg (empty tank)

Description	Material
① Sprayer gun (2 types)	· Plastic (ABS, etc.) · Stainless steel
② Nozzle tip	Stainless steel 303
③ Hose (10 m)	PVC
④ Base	Stainless steel 304
⑤ Caster	Urethane, etc.
⑥ Air regulator	Aluminum alloy
⑦ Pressure gauge (1.0 MPa)	Brass, etc.
⑧ Check valve	Stainless steel 303, NBR
⑨ Throttle valve	Plated brass
⑩ Needle valve	Stainless steel 316
⑪ Mixing adaptor	Stainless steel 304
⑫ Pressure tank	Stainless steel 304
⑬ Tank fastening belt	PP
⑭ Ball valve	Plated brass
⑮ Fluid level gauge	Stainless steel 316, FEP

Sprayer gun with highly-alkaline-fluid-resistant components (parts that come in contact with liquids) is available upon request. Contact us for details.

Specifications

Air pressure (MPa)	Throttle valve* ³	Needle valve* ³	Spray capacity* ⁴ (L/min)	Air consumption (L/min, Normal)
0.3	Half turn	Half turn	1.8	16
	1 turn		1.7	22
	4 turns		1.6	57

*³ Number of rotations carried out from a fully closed-valve state.

*⁴ Spray capacities shown are for spraying when water is used.

Actual capacities will vary depending on factors such as cleaning agent type and concentration.

Pressure tank specifications

Capacity	18 L
Max. operating pressure	0.49 MPa
Relief valve activating pressure	0.59 MPa

How to order Please specify one of the following types in ordering:

AWACart

With plastic sprayer gun

AWACart-S

With stainless steel sprayer gun

AWACart-S-A

With stainless steel sprayer gun + highly-alkaline-fluid-resistant components

Specifications and contents of this leaflet are subject to change without prior notice.

Please feel free to send any inquiry, request for information or quote on this product to the contacts below.



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