

Solution Agitation Nozzle with High Flow Rate

EJX series, high flow rate type



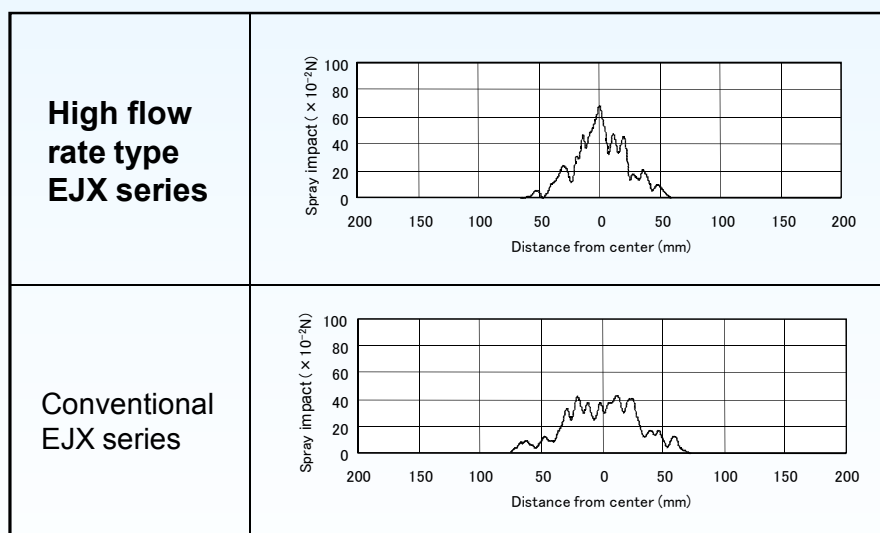
FEATURES

- Taking in surrounding liquid, the EJX solution agitation nozzle spouts out **3-4 times more volume** than the amount supplied
- Compared to the conventional EJX, this new model has **higher flow rate (velocity) and straighter propagation**
- Simple design
- Made of highly chemical-resistant polypropylene (PP)

APPLICATIONS

- Cleaning in liquids
 - Submerged etching, plating
 - Solution agitation, Preventing deposition, uniformizing concentration
- *Particularly for applications which require high flow rate and straight stream propagation

■ Comparison on spray impact in water



EJX-series High flow rate type:
3/4MEJX1*0/64PP(φ45-160)

Conventional EJX-series:
Conventional EJX having the same flow volume as EJX High flow rate type

Spray conditions:
Spraying pressure: 0.1 MPa
Supplied water volume: 64 L/min
Measured distance: 300 mm
Spray impact value: Whole spray impact measured by a spray impact sensor of φ3 mm

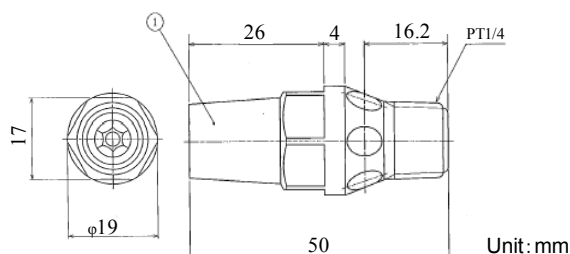
High flow rate EJX series, featuring 1.5-2 times higher spray impact (flow velocity) compared to the conventional EJX series, achieves a great effect on cleaning in liquids and promoting reactions.



“The Fog Engineers”
H. IKEUCHI & CO., LTD.

STRUCTURE AND DIMENSIONS

■ 1/4M EJX1*0/5.8 PP-IN(φ19-50,φ6)

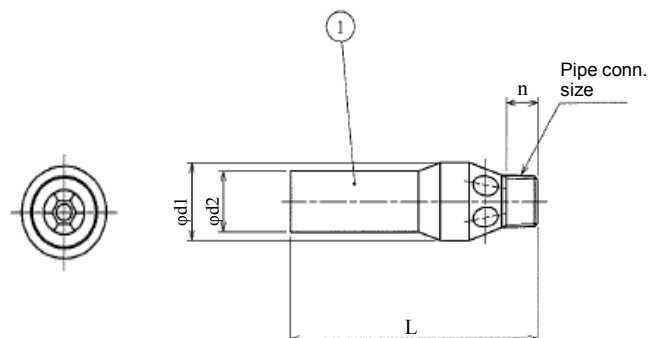


① Nozzle

Material: Polypropylene (Injection-molded)
Mass: 5g

■ 1/2M EJX1*0/22 PP(φ32-110)

■ 3/4M EJX1*0/64 PP(φ45-160)



① Nozzle

Material: Polypropylene

Pipe connection size	Dimensions (mm)				Mass (g)
	L	n	φd1	φd2	
1/2M	110	14	32	25	30
3/4M	160	15	45	41	90

Note: Configuration differs depending on nozzle codes.

PERFORMANCE CHART

Pipe connection size	Nozzle code	Supplied water volume (L/min)						【Reference value】 Outlet water volume (L/min)						Free passage diameter (mm)
		0.03 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.03 MPa	0.05 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	
1/4M	1*0/5.8	3.20	4.00	5.80	7.10	8.20	10.0	10.5	13.4	18.8	23.2	27.0	34.5	2.8
1/2M	1*0/22	12.0	16.0	22.0	27.5	32.0	39.0	36.0	47.0	73.0	95.0	111	134	5.5
3/4M	1*0/64	36.0	46.0	64.0	77.0	90.6	109	103	140	206	260	301	350	9.1

HOW TO ORDER

For inquiries or orders, please specify the model number as below.

■ 1/4M EJX 1*0/5.8 PP-IN(φ19-50,φ6)

■ 1/2M EJX 1*0/22 PP(φ32-110)

■ 3/4M EJX 1*0/64 PP(φ45-160)

For details or inquiries please feel free to contact a sales office or mail us at overseas@kirinoikeuchi.co.jp.



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