



A close-up photograph of industrial machinery. The machine is painted a light green color. In the upper right, there is a circular pressure gauge with a white face, black markings, and a red needle. Below the gauge, a silver-colored hex nut is mounted on a green metal plate. The background is blurred, showing more of the machine's structure.

The Heart of Industry

IWAKI's greatest strength is its unrivaled wide variety of products. Its usefulness is also applicable in a wide variety of fields. Throughout IWAKI's 60-year history, it has achieved results and know-how that other companies just can't keep pace with. IWAKI accurately answers its customers every need, with extensive product variation, cutting-edge development, and trustworthy quality.



Main uses: semiconductors, liquid crystal, medical equipment, surface treatment equipment, water treatment, chemistry, alternative energy





An overview of IWAKI's world leading magnetic drive pumps

Magnetic Drive Pumps

High performance canned pumps for a wide variety of uses

Direct Drive Pumps

Seal-less design

Multiple connection types

Long life

Compact & lightweight



Specifications

Model	RD	NRD
Max. Capacity (L/min)	70	140
Max. Head (m)	15	26
Wet end materials	GFRPP, GFRPPS	GFRPPE, GFRPP, GFRPPS
Liquid temperature (°C)	0 - 80	0 - 80

A worldwide best-seller, our high-quality compact magnetic drive pumps

Magnetic Drive Pumps (small size)

Leak free

Large selection

High corrosion-resistance

Easy maintenance



Specifications (50/60Hz)

Model	MD	MD-F	MD-V
Max. Capacity (L/min)	135/135	125/135	86/97
Max. Head (m)	14.3/20.3	10.5/11.5	14.3/20.3
Wet end materials	GFRPP	CFRETFE	CFRPVDF
Liquid temperature (°C)	0 - 80	0 - 80	0 - 80

Chemically resistant magnetic drive pumps which can tolerate abnormal operation

Magnetic Drive Pumps (middle size)

Self-radiating structure

Non-contact structure

Robust structure

Improved maintainability



Specifications (50/60Hz)

Model	MX	MX-F	SMX	SMX-F
Max. Capacity (L/min)	800	510	440/520	440/520
Max. Head (m)	36/38.8	29.8/26.8	25.7/37.5	24.3/35
Wet end materials	GFRPP	CFRETFE	GFRPP	CFRETFE
Liquid temperature (°C)	0 - 80	0 - 80	0 - 80	0 - 80

Chemically resistant magnetic drive pumps which can tolerate abnormal operation

Magnetic Drive Pumps (large size)

Non contact system

Self radiation structure

Exceptional corrosion resistance

Robust structure



Specifications (50/60Hz)

Model	MXM	MDM	AMP	MDE	MDW
Max. Capacity (L/min)	400/400	1800	417/500	4000	5000
Max. Head (m)	29.3/41.8	74.7/106.7	36.0/49.4	63.7/91.1	99.3/99.9
Wet end materials	CFRETFE	CFRETFE	CFRPP	ETFE, PFA, CFRETFE	ETFE, PFA, CFRETFE
Liquid temperature (°C)	-10 - 105	-20 - 150	0 - 80	0 - 100	-10 - 120

A new generation of advanced metering pump technology

Metering Pumps



For all kinds of water treatment

Electromagnetic Metering Pumps

Multi-voltage power source

Control unit

High resolution

Multi hose connection



Specifications

Model	HRP	EJ	ES	EHN	EWN	EH-E
Max. Discharge capacity (mL/min)	38	200	400	450	420	1250
Max. Discharge pressure (MPa)	0.2	1.2	1.0	1.0	1.0	1.0
Wet end materials	PVDF	PVC	PVC	PVC	PVC	PVC
Liquid temperature (°C)	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40

Note: The specifications are the values of the main material. There are also other material variations.

Applicable to the many diverse needs of chemical feeding

Metering Pumps

Various types and materials

High turn down ratio

Precise chemical dosing operation

Energy savings and Eco-friendly



Specifications (50/60Hz)

Model	LK	TD	SK	IX	AX
Max. Discharge capacity (L/min)	45/54	8.5	1.1/1.32	5.0	51.6/49.7
Max. Discharge pressure (MPa)	1.0	1.0	1.0	1.0	1.0
Wet end materials	PVC	PVC	PVC	PVDF	PVC
Liquid temperature (°C)	0 - 50	0 - 40	0 - 50	0 - 50	0 - 50

Note: The specifications are the values of the main material. There are also other material variations.

Pursuit of compact-size and cost-effectiveness

Bellows Pumps

Low cost

Compact-size

Simplest structures

High reliability



Specifications (50/60Hz)

Model	KBR
Max. Discharge capacity (mL/min)	206/247
Max. Discharge pressure (MPa)	0.01
Wet end materials	GFRPP
Liquid temperature (°C)	0 - 40

Ultra-high precision valveless plunger pump

Hi-cera Pumps

Ultra-high precision dosing

High viscous liquid transfer

Compact design

Original structure—Airlock free



Specifications (50/60Hz)

Model	V
Max. Discharge capacity (mL/min)	1400/1682
Max. Discharge pressure (MPa)	0.7
Wet end materials	SIC, Al ₂ O ₃
Liquid temperature (°C)	0 - 40

For high purity chemical handling applications
in semiconductor processing applications

Pneumatic Drive Bellows Pumps



Specifications

Model	FLP	FS	FW	FF	FA
Max. Discharge capacity (L/min)	92	100	80	40	40
Max. Discharge pressure (MPa)	0.5	0.7	0.5	0.3	0.4
Wet end materials	PTFE, PFA	PTFE, PFA	PTFE, PFA	PTFE, PFA	PTFE, PFA
Liquid temperature (°C)	5 - 180	5 - 180	10 - 180	5 - 180	5 - 100

Fine ceramic used in internal gear

Chemical Gear Pumps



Specifications (50/60Hz)

Model	MDG	G	GM-V
Max. Capacity (L/min)	14/17	42.5	23.0
Max. Discharge pressure (MPa)	0.6	1.0	0.5
Wet end materials	SUS316, PTFE	SUS316, SCS14	PVC, CFFRETPE
Liquid temperature (°C)	0 - 95	0 - 150	0 - 50

Compact air pumps featuring superior durability

Diaphragm Type Air Pumps



Specifications (50/60Hz)

Model	APN
Gas Max. Flow (L/min)	100/110
Max. Discharge pressure (MPa)	0.2
Wet end materials	GFRPP
Handling gas temperature (°C)	0 - 40

Note : AC type value. There is also a DC type.

Lightweight and compact design

Gas-liquid transfer capability

Gas-Liquid Transfer Pumps



Specifications (50/60Hz)

Model	APN-W
Gas-liquid Max. Capacity (L/min)	1.0
Gas Max. Flow (L/min)	5.0/6.0
Max. Discharge pressure [gas/gas-liquid] (MPa)	0.05/0.1
Wet end materials	GFRPP
Liquid temperature (°C)	5 - 40

Note : AC type value. There is also a DC type.

Suitable for high pressure liquid transfer application

Reciprocating Diaphragm Liquid Pumps



Specifications

Model	HSR
Max. Capacity (L/min)	1400
Max. Discharge pressure (MPa)	0.6
Wet end materials	GFRPP
Liquid temperature (°C)	0 - 45

Superior Operability & Ample Control Configuration
Economical Water Treatment Controller

Water Quality Control Devices



W100



Intuition-6



Intuition-9

Discharge precision of $\pm 0.3\%$ (F.S.)
Substantial Saving of Resist

Tube Pump Dispensing Pumps



Specifications

Model	PDS
Max. Discharge capacity (mL/stroke)	5, 12
Max. Discharge pressure (MPa)	0.15, 1.0
Wet end materials	PTFE, PFA
Liquid temperature (°C)	15 - 25

Excellent performance for strong acid and
alkali replenishment in semiconductor manufacturing

Chemical Replenishing Pumps



Specifications

Model	CFD
Max. Discharge capacity (mL/shot)	1, 8
Max. Discharge pressure (MPa)	0.05
Wet end materials	PTFE
Liquid temperature (°C)	20 - 60

Best suited to semiconductor manufacturing
process for photo-resist application

Pneumatic Drive Dispenser



Specifications

Model	SB
Max. Discharge capacity (mL/stroke)	5, 8, 15, 40, 100
Max. Discharge pressure (MPa)	0.05, 0.1
Wet end materials	SUS304, PTFE
Liquid temperature (°C)	15 - 25

Compact size but high pressure of 0.35 MPa

Non-metal Magnetic Drive Turbine Pumps

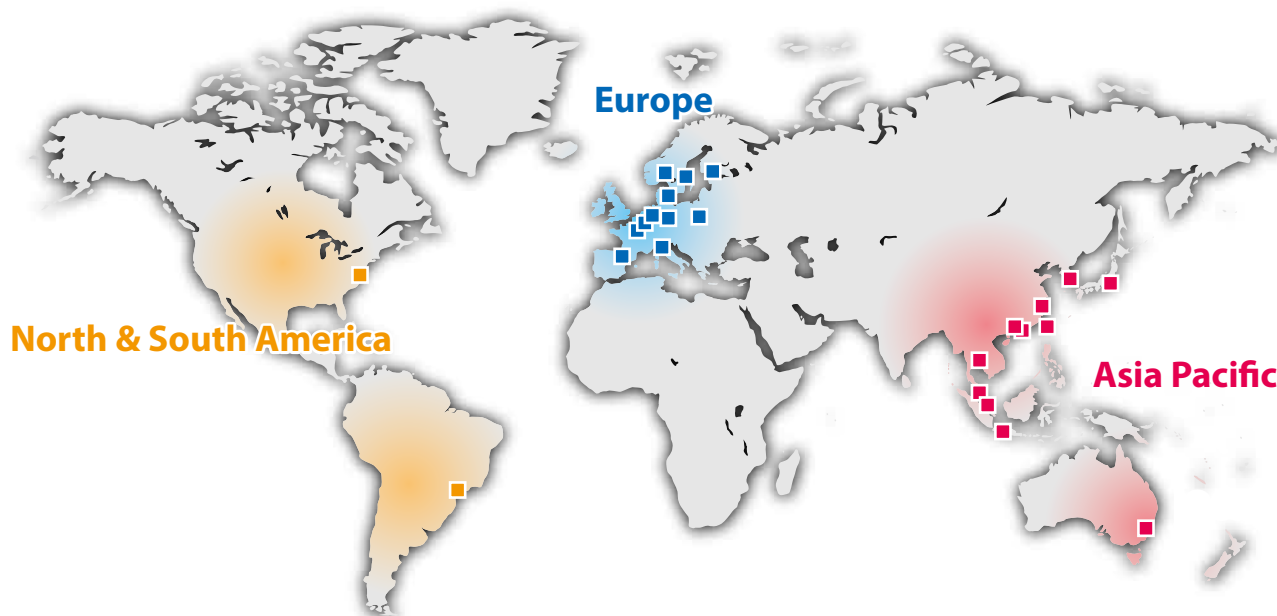


Specifications (50/60Hz)

Model	MDT
Max. Capacity (L/min)	17/20
Max. Discharge pressure (MPa)	0.35
Wet end materials	GFRPPS, CFRPPS
Liquid temperature (°C)	-20 - 95

IWAKI World Wide Network

We continue to support our clientele with our worldwide network



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()Country codes

Manufacturing Locations

Iwaki's production system, namely quality assurance system



Saitama plant



Miharu plant

