



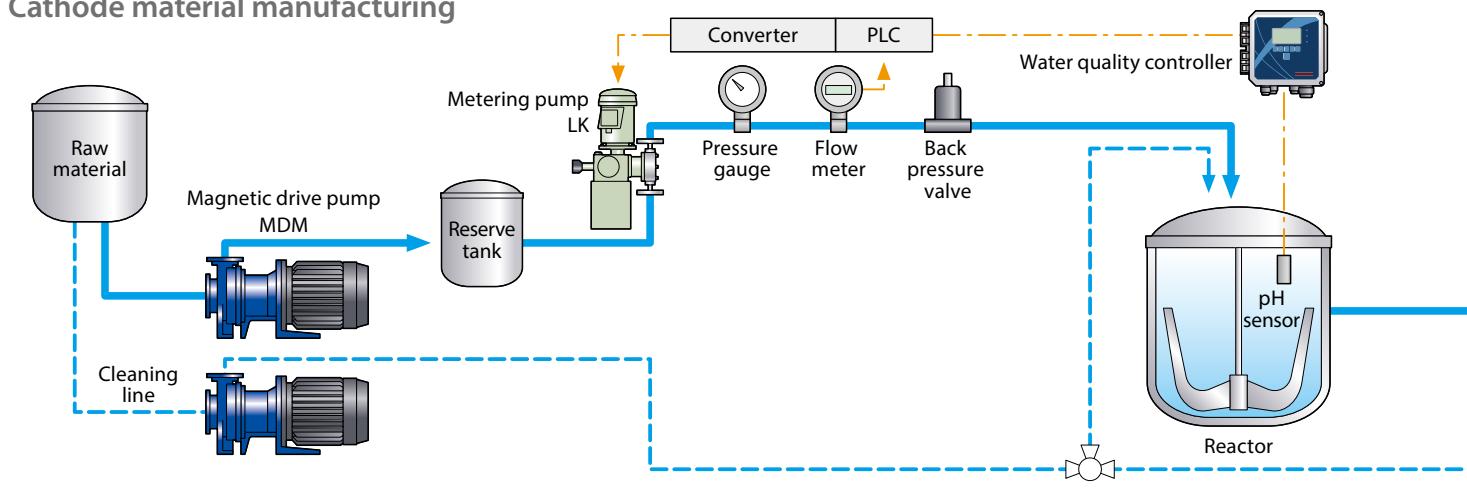
IWAKI Product Guide for Rechargeable Battery



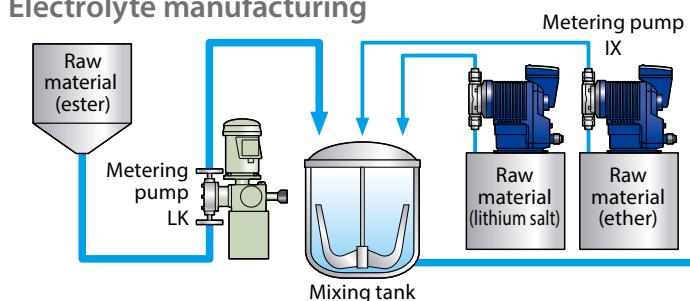
The Heart of Industry

Rechargeable Lithium-Ion Battery Manufacturing Process

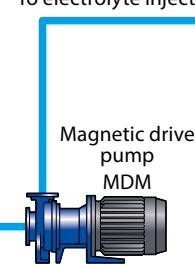
Cathode material manufacturing



Electrolyte manufacturing



To electrolyte injection



Electrolyte injection

Wide Range, Wide Variation

Magnetic drive pumps /

Metallic centrifugal magnetic drive pumps

From small pumps for OEM applications to large pumps for chemical processing are available. You can select the best pump according to your application.

Electrolyte manufacturing

Cathode material manufacturing



Applicable to Different Needs of Chemical Dosing

Electromagnetic metering pumps /

Metering pumps

Suitable for any application with its high quality, high accuracy, wide variation, low pulsation, cost-effectiveness and usability.

Electrolyte manufacturing

Cathode material manufacturing



A Precise Dosing Pump with Good Controllability

Valveless plunger pumps

Ultra-high repeatability. Preventing clogging and sticking with unique airlock-free valveless structure.

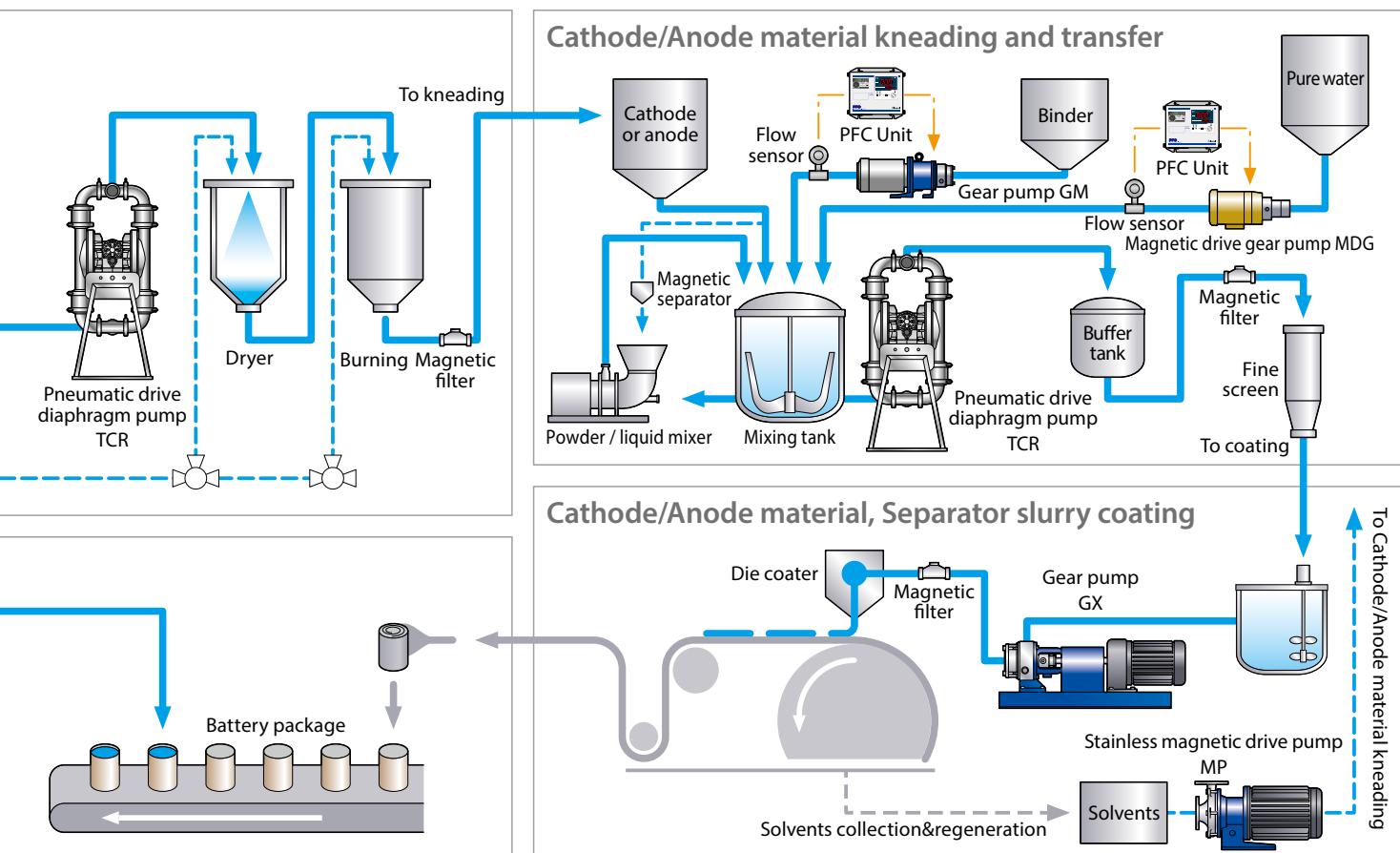
Electrolyte injection



V
(With flushing port)



VMP
(With flushing port)



Ideal for Cathode / Anode Material and Separator Slurry Coating

Chemical gear pumps

Both high and low viscosity liquids can be handled. Quiet and smooth transfer of liquid without agitating or foaming.

Cathode / Anode material, Separator slurry coating



Wide Variety of Models and Versatile

Pneumatic drive diaphragm pumps

High-pressure discharge at 0.85 MPa at maximum is possible. Consists of complete self-suction pumps where priming is unnecessary.

Cathode / Anode material kneading and transfer



Capable of Dispersing and Dissolving Every Powder

Powder / liquid mixer

A specially shaped impeller dispersed and dissolved liquids and powders uniformly in a short time.

Cathode / Anode material kneading and transfer



Compact Gear Pumps that Completely Eliminate Leakage Problems

Magnetic drive gear pumps

Despite its small size, it is capable of high-pressure discharge of Max. 0.6MPa and vacuum degree of 5.3kPa. Superior corrosion resistance. Therefore, the pump can be used to transfer Pure water.

Pure water transfer



MDG-R2

Reliably Removes Metal Foreign Objects with High Magnetic Force

Magnetic filter

By attaching it to piping or hoppers, you can easily remove metal foreign objects hidden in liquid.
Also available for powder.

Metal foreign objects removal

Tee's type magnetic filter(1.9T type)
(For liquid)3+2 set pear-shaped magnet for hopper
(For powder)Front view of
pear-shaped magnet

IWAKI CO., LTD. 6-6 Kanda-Sudacho 2-chome Chiyoda-ku Tokyo 101-8558 Japan TEL : (81)3 3254 2935 FAX : 3 3252 8892 IWAKI has global net work.
Please find your distributor location at www.iwakipumps.jp

European Headquarter	IWAKI Europe GmbH	TEL: (49)2154 9254 0	FAX: (49)2154 9254 48	U.S.A.	IWAKI America Inc.	TEL: (1)508 429 1440	FAX: (1)508 429 1386
Germany	IWAKI Europe GmbH	TEL: (49)2154 9254 50	FAX: (49)2154 9254 55	Brazil	IWAKI Do Brasil Comercio De Bombas Hidraulicas LTDA.	TEL: (55)19 3244 5900	FAX: (55)19 3244 5900
The Netherlands (Netherlands Branch)	IWAKI Europe GmbH	TEL: (31)74 2420011	FAX: (49)2154 9254 48	China (Shanghai)	IWAKI Pumps (Shanghai) Co., Ltd.	TEL: (86)21 6272 7502	FAX: (86)21 6272 6929
Italy (Italy Branch)	IWAKI Europe GmbH	TEL: (39)0445 561219	FAX: (39)0445 569088	China (Hong Kong)	IWAKI Pumps Co., Ltd.	TEL: (852)2607 1168	FAX: (852)2607 1000
Spain (Spain Branch)	IWAKI Europe GmbH	TEL: (34)934 741 638	FAX: (34)934 741 638	China (Guangzhou)	GFTZ IWAKI Engineering & Trading Co., Ltd.	TEL: (86)20 84350603	FAX: (86)20 84359181
Poland (East Europe Branch)	IWAKI Europe GmbH	TEL: (48)12 347 0755	FAX: (48)12 347 0900	Singapore	IWAKI Singapore Pte Ltd.	TEL: (65)6316 2028	FAX: (65)6316 3221
Denmark	IWAKI Nordic A/S	TEL: (45)48 242345		Indonesia (Indonesia office)	IWAKI Singapore Pte Ltd.	TEL: (62)21 6906606	FAX: (62) 21 6906612
Finland	IWAKI Suomi Oy	TEL: (358)10 201 0490		Malaysia	IWAKI SDN. BHD.	TEL: (60)3 7803 8807	FAX: (60)3 7803 4800
Norway	IWAKI Norge AS	TEL: (47)23 38 49 00		Korea	IWAKI Korea Co.,Ltd.	TEL: (82)2 6238 4800	FAX: (82)2 6238 4801
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()Country codes

! Caution for safety use:

Before use of pump, read instruction manual carefully to use the product correctly. Actual pumps may differ from the photos. Specifications and dimensions are subject to change without prior notice. For further details please contact us.

! Legal attention related to export.

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