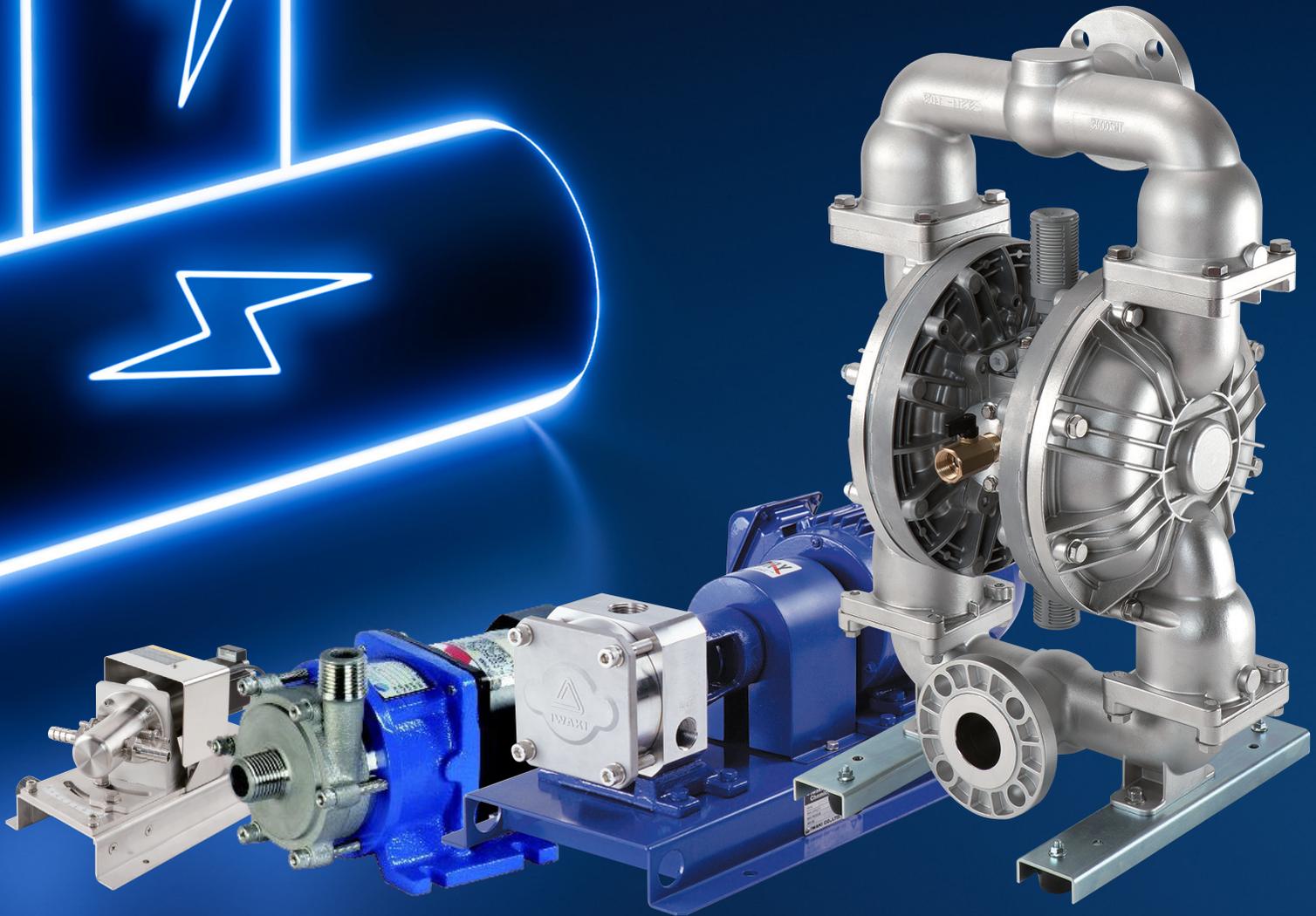
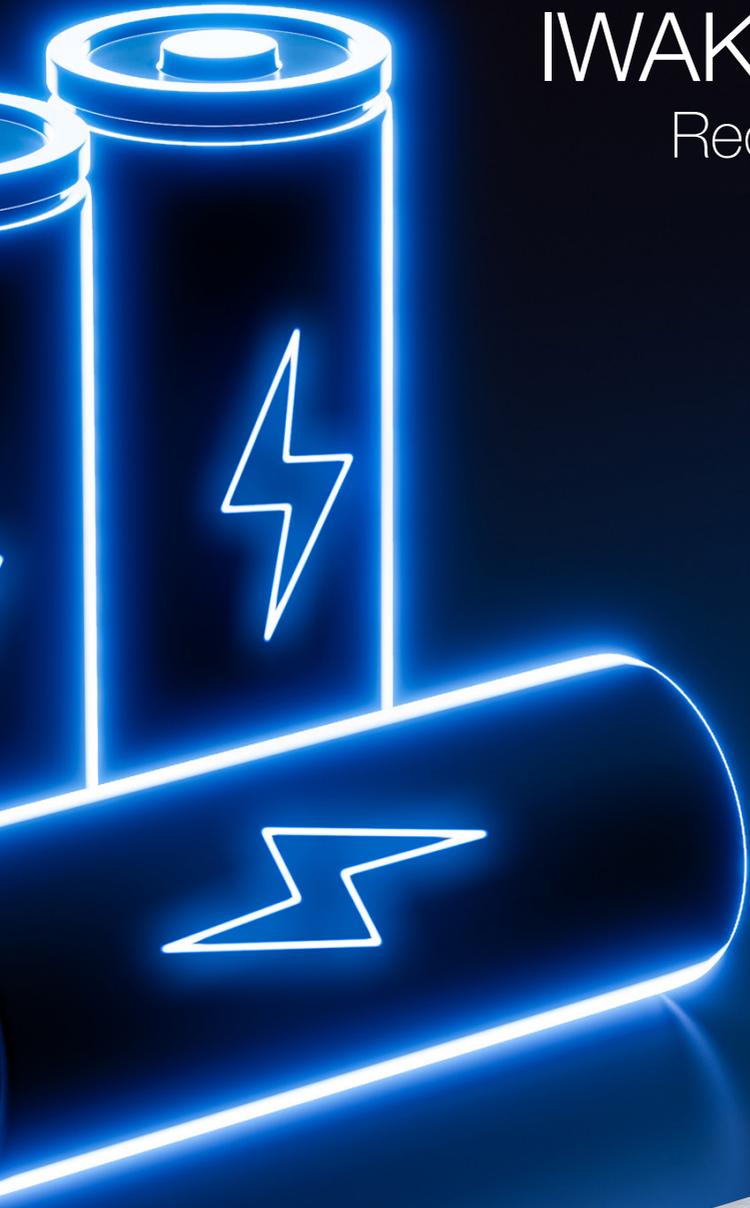


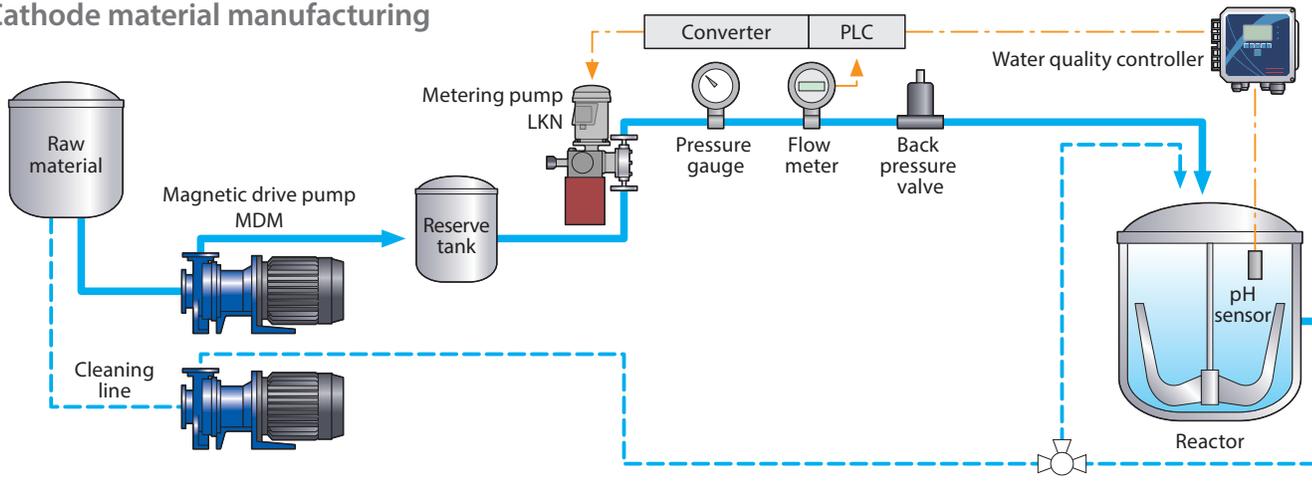
IWAKI Product Guide

Rechargeable Battery Processes

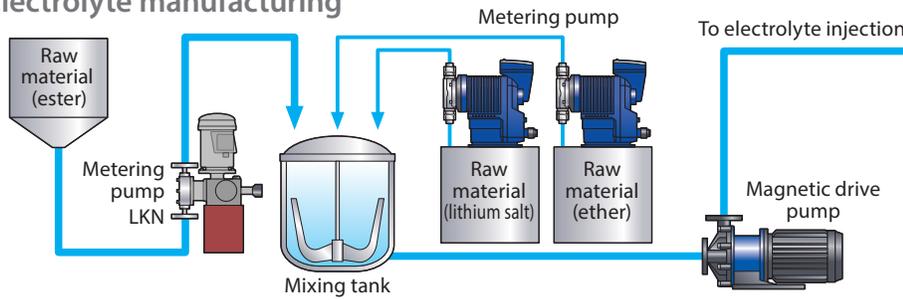


Rechargeable lithium-ion battery manufacturing process

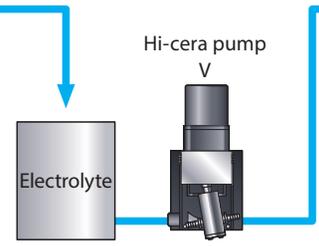
Cathode material manufacturing



Electrolyte manufacturing



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



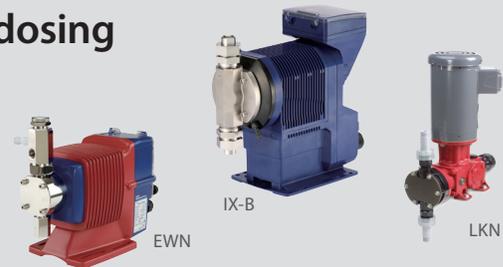
Applicable to different needs of chemical dosing

**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

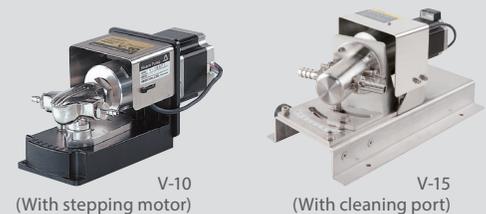


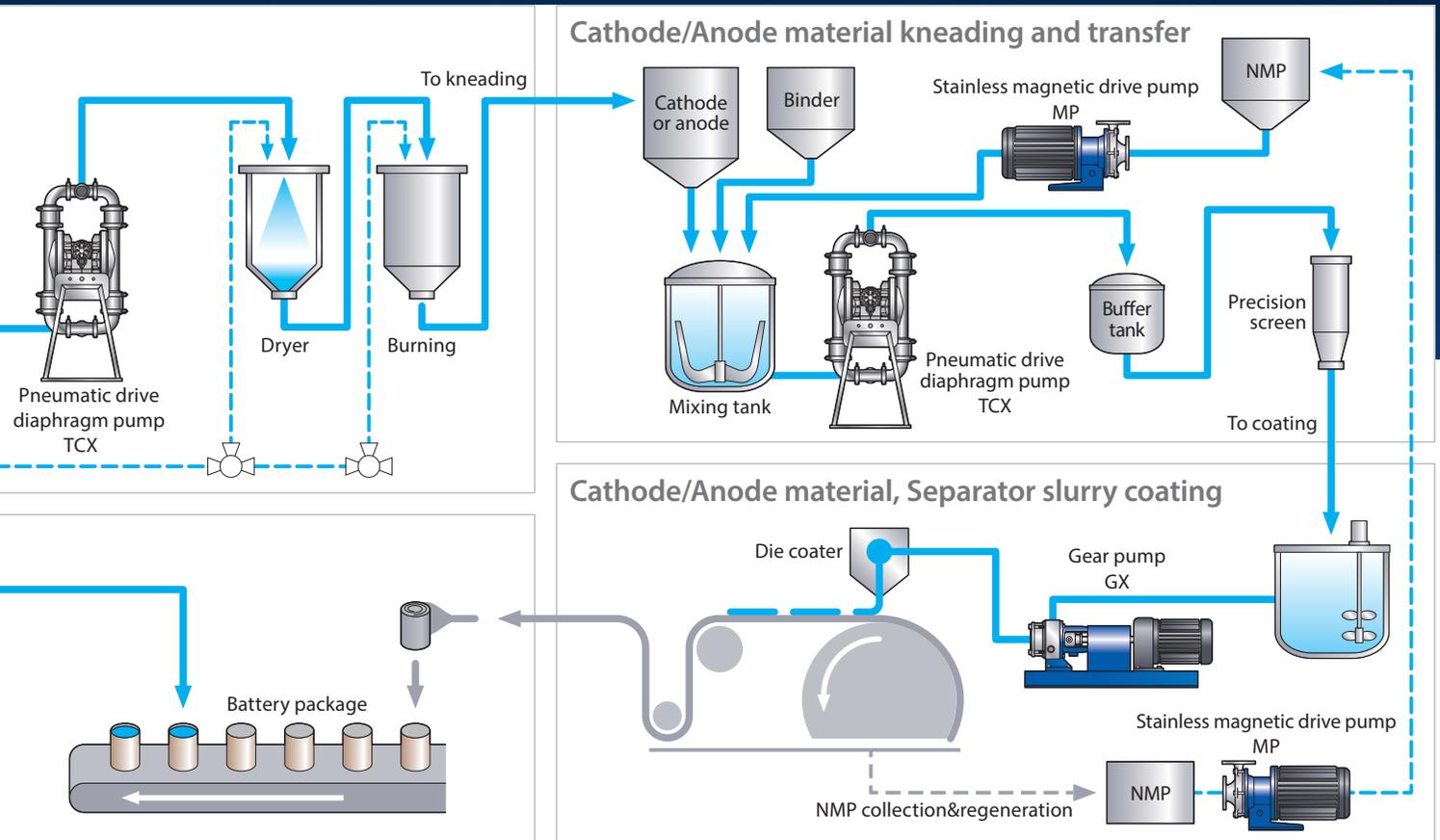
Dosing pump with precision control

Valveless plunger pumps

Ultra-high repeatability within $\pm 0.5\%$. Unique airlock-free valveless structure. (Accuracy with stepping motor specifications)

Electrolyte injection





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

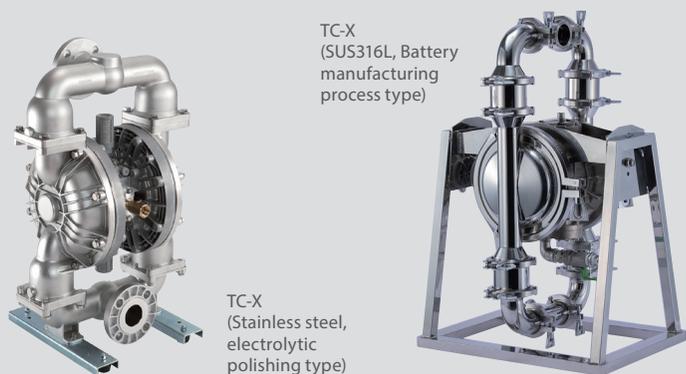


Versatile pneumatic drive diaphragm pumps

Pneumatic drive diaphragm pumps

The TC-X Series is a double-diaphragm pump driven by compressed air.

Cathode / Anode material kneading and transfer





A Leader in Sealless Pump Technology

For over 60 years, Iwaki has been a global leader in the design, development and manufacturing of non-metallic sealless chemical pumps. With flow rates out to 1,100 GPM, Iwaki has thousands of size and material combinations to meet your application needs. Iwaki features both flooded suction and self-priming technology that can be mounted to a variety of motor options including AC and DC voltage.



Iwaki America has a state-of-the-art manufacturing facility in Holliston, Massachusetts, located 30 miles southwest of Boston. Our modern facilities provide enhanced communications, focus on research and development, sales, customer service and manufacturing and allow for enthusiastic and productive employees, many of whom have been with the company for decades.

IwakiAmerica.com



WALCHEM

IWAKI America Inc.

Walchem integrates its advanced sensing, instrumentation, fluid pumping and communications technologies to deliver reliable and innovative solutions to the global water treatment market. Our in-house engineering is driven by quality, technology and innovation. For more information on the entire Walchem product line, visit Walchem.com