

ZB-W chemical metering melt pump

ZB-W chemical metering melt pump applications:

ZB-W series **chemical metering melt pump** is suitable for transporting and metering low viscosity materials. This series **gear pump for chemicals** is mainly used in chemical and pharmaceutical industries, polymer production for transporting monomer of polymer, oligomer and prepolymer, cosmetic, food, petrochemical, and polymer industries. Chemical melt pump has good reliability and precision.



ZB-W chemical metering melt pump technical parameter:

- ◆ Pressure: high pressure
- ◆ Material of Pump Body: 316L Stainless Steel
- ◆ Material for Pump Gear: 440B Martensitic Stainless Steel
- ◆ Shaft Sealing: Oil sealing, gasket sealing, screw seal, labyrinth seal, mechanical sealing, packing and spiral packing, combined
- ◆ Heating Method: Electrical Rod, Conductive Oil or Hot Water

ZB-W gear pump for chemicals operating parameter:

- ◆ Viscosity: ≤ 10000 Pa.s
- ◆ Working Temperature: $\leq 300^{\circ}\text{C}$
- ◆ Inlet Pressure: vacuum – 1.5MPa
- ◆ Differential Pressure: ≤ 120 MPa
- ◆ Model/Volume Range: 0.5cc to 12000cc, 0.5cm³/rev - 12000cm³/rev



Batte Main Products

Melt Pump Series:

- ★ [ZB-B standard extrusion melt pump](#)
- ★ [ZB-C reinforced melt pump for extrusion](#)
- ★ [ZB-D gear pumps for pipeline](#)
- ★ [ZB-E pressurized melt pump](#)
- ★ [ZB-F melt pump for reactor](#)
- ★ [ZB-H high pressure extruder pump](#)
- ★ [ZB-K polymer discharge gear pump](#)
- ★ [ZB-R extrusion rubber pump](#)

- ★ [RS double shaft rubber gear pump](#)
- ★ [ZB-U spinning pump](#)
- ★ [ZB-W chemical metering melt pump](#)
- ★ [ZB-X gear metering chemical pump](#)
- ★ [New type melt pump](#)
- ★ [Melt pump spare parts](#)
- ★ [PID control system for extruder](#)
- ★ [PLC control system for extrusion line](#)
- ★ [PDF download](#)

Screen Changer Series:

- ★ [Manual screen changer](#)
- ★ [Slide plate screen changer](#)
- ★ [Continuous piston screen changer](#)
- ★ [Continuous backflush screen changer](#)
- ★ [Automatic belt screen changer](#)
- ★ [Pelletizer filter without wire mesh](#)
- ★ [Screen changer spare parts](#)
- ★ [PDF download](#)

Loss in Weight Feeder Series:

(For granule, sheet, powder, liquid, etc.)

- ★ [Loss in weight screw feeder](#)
- ★ [Volumetric screw feeder](#)
- ★ [Liquid polymer feed system](#)
- ★ [Multi-component gravimetric feeders](#)
- ★ [Gravimetric feeder control system](#)
- ★ [Feeding system](#)
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