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## WALCHEM IX METERING PUMP

Connections 1/2"OD | Max GPH  
11.89 | Max PSI 58 | Wetted  
Material PVDF-FKM-CERAMIC



**SKU:** IX-B045TCN-U

**Stock:** Out of stock contact us for  
lead time

**Categories:** [Walchem IX Pumps](#)

**Tags:** [Walchem IX Pumps](#)

**Part Number** IX-B045TCN-U

## PRODUCT DESCRIPTION

- 1000:1 Turndown Ratio

IX Series pumps use efficient Brushless DC motors for speed control. High resolution motor control adjusts the discharge and suction speeds to meet a full and accurate turndown ratio of 1000:1 and flowrates from 300 L/H down to 7.5mL/H.

- $\pm 1\%$  High Accuracy

Combined with precise motor control, an efficient valve design maintains accurate flow rates to allow a low-cost, mechanically-driven diaphragm pump to achieve a repeatability of  $\pm 1\%$ .

- 70% Energy Savings

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Helical gears and return spring reduce power consumption by up to 70% compared to conventional mechanical diaphragm metering pumps.

- High Compression Pump Head Design

A fixed stroke length and proprietary liquid end design maintains high compression during each stroke, resulting in fast priming and no gas-lock at any flow rate up to full rated pressures.

Estimated Delivery is 2 to 3 weeks

Contact us for actual delivery

Product photo could vary from the actual product

[Walchem Brochure](#)

[Walchem Manual](#)

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ADDITIONAL INFORMATION

|                 |                         |
|-----------------|-------------------------|
| Weight          | 10 lbs                  |
| Dimensions      | 12 × 18 × 21 in         |
| Connections     | <u>1/2"OD</u>           |
| Max GPH         | <u>11.89</u>            |
| Max PSI         | <u>58</u>               |
| Motor Type      | <u>Direct Drive</u>     |
| Wetted Material | <u>PVDF-FKM-CERAMIC</u> |