

# Welker<sup>®</sup> Oil Injection Pump

*Compact design, easy installation and compatibility with virtually any meter makes the OIP an excellent choice for automatic lubrication of turbine meter bearings.*

## General Description

The Welker<sup>®</sup> Oil Injection Pump is designed to provide an automated lubrication system for turbine meter bearings. For decades, the lubrication of bearings was a labor-intensive procedure. Now, with the OIP system, bearings are automatically lubricated evenly and consistently, maintenance time is reduced, bearing life is increased and accuracy is more easily maintained.

**Another Welker original design to meet industry needs!**

## Features

- Design for lubrication of meter bearings
- 0.25 cc per stroke (lower volumes available)
- Fiberglass enclosure
- 6 VDC, 12 VDC, and 24 VDC
- Simple and compact
- Low cost
- Reduction of maintenance cost

## Applications

- Turbine meter bearings
- Bearing systems in any machinery that requires periodic lubrication. Examples: textile industry, conveyor belt systems, rotary pumps and many other bearing systems applications.
- Corrosion inhibitor injection

**Welker<sup>®</sup> ... When Excellence Counts!**

# Welker® Oil Injection Pump



Single-Pump Unit

## Specifications\*

### Model

OIP-2

### Material

Anodized aluminum

### Type

Positive displacement

### Actuation

Pneumatic (air/gas) 15-100 psi (w/Clippard solenoid)

### Gas Consumption

0.0074SCF @ 100 psi

0.0019SCF @ 15 psi

### Displacement

0.25cc per stroke

### Cycle Frequency

Maximum 30 strokes per minute

### Connections

1/4" NPT

### Operating Range

15 to 1,440 psi

### Working Pressure

1,440 psi

### Enclosure

10" x 8" x 6" NEMA 4X

### Electrical

6 VDC, 12 VDC, and 24 VDC

## Model Number and Brief Description

### OIP-1AK

Oil Injection Pump with 250cc oil reservoir in 10" x 8" x 6" NEMA 4X enclosure, internal check, 0.25 cc/stroke, 6 VDC solenoid, 15 to 100 psi operating range.

### OIP-1B

Welker 6Tc, 6 VDC battery powered timer (UL listed) with 15-second to 225-hour range.

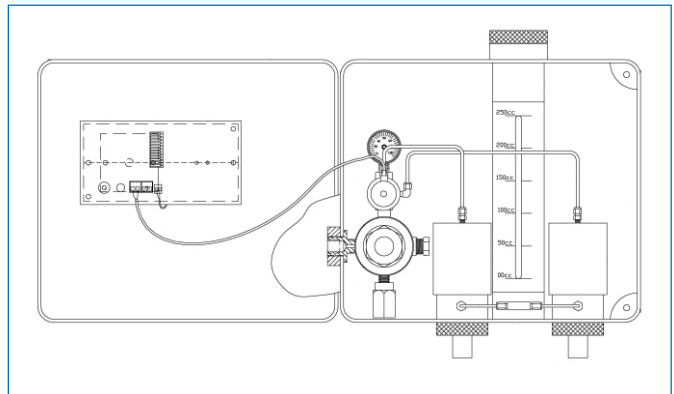
### OIP-2AK

Oil Injection Pump with 250cc oil reservoir in 10" x 8" x 6" NEMA 4X enclosure, internal check valve, 0.25 cc/stroke, instrument supply regulation package.

### OIP-2BK

Welker 6Tc, 6 VDC battery powered timer (UL listed) with 15-second to 225-hour range.

**Double-Pump Oiler available — Oil two separate meters from one unit. Call for information.**



Double-Pump Unit Drawing

\*Specifications subject to change without notice.  
Drawings/Photos may be shown with optional equipment.



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