

ITHO-700 SERIES



The ***In Tank Injection System*** is a precise metering system that utilizes energy from the dynamic pressure of a fuel delivery truck, terminal load rack or a hydrant system. A fluid powered injector dispenses additive at measured intervals on command from the main product meter. Powered and controlled entirely by the flow of product, the ***In Tank Injection System*** is an all temperature, all climate system that has no air components to freeze or require lubrication. The system borrows just ounces per minute of pressurized fuel and then returns it back to the main product tank.



Our fluid powered injector is mounted inside the additive tank, assuring a consistent, air free supply of additive to the pump while eliminating connecting tubing, fittings, and problems associated with poor additive supply. This ***In Tank Injection System*** feature dramatically reduces installation costs while making it possible to mount the system in any convenient location throughout the truck or system. Connect the meter, the power, three simple 1/4" tube connections and the system is ready for operation. About the only maintenance required is to keep additive in the tank.

U.S. AND FOREIGN PATENTS PENDING

TYPICAL PRODUCTS:

Diesel, gasoline, heating oil, lubricants and jet fuel

ADDITIVES:

Detergents, combustion improvers, catalysts, dyes, markers, cetane improvers, biocides, pour point depressants and lubricants

PRODUCT FLOW RATE:

0-600 GPM at maximum ration

ADDITIVE RATIO:

0-700 PPM

POWER CONSUMPTION:

10 Watts @ 12 VDC

INJECTOR INTERVALS:

Variable 1-15 US Gallons (3-57 liters)

ADDITIVE TANK CAPACITY:

6 US Gallons

ELECTRICAL COMPONENTS

CLASSIFICATION:

Product control valve: Explosion proof
Control enclosure: NEMA 4X

KEY FEATURES:

- Fluid powered
- No air to freeze or lubricate
- Easy installation
- All weather, all temperature operation
- System mounts virtually anywhere



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