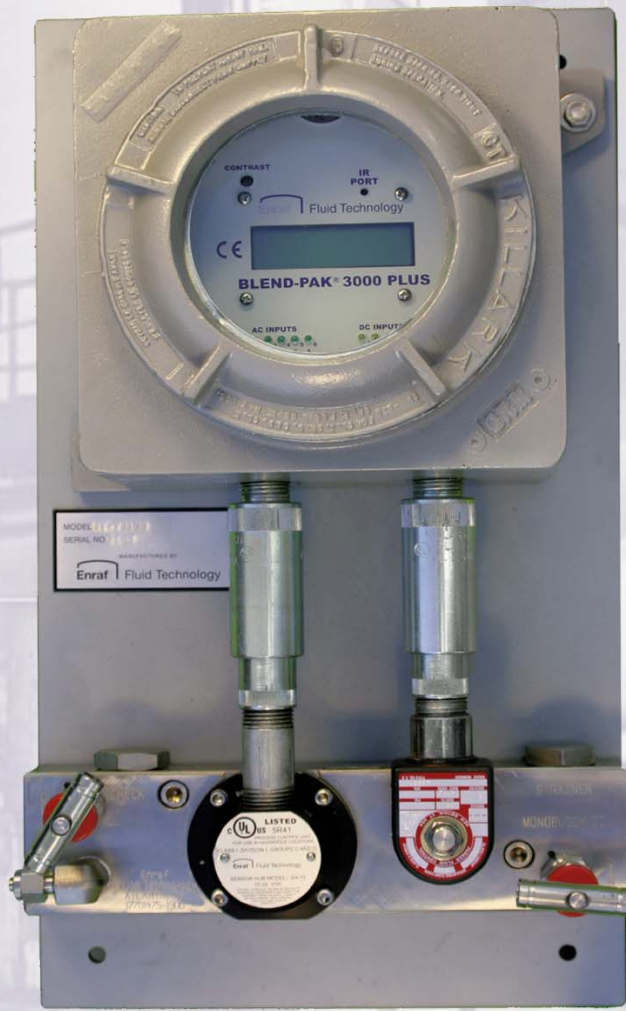


Blend -Pak® 3000 Plus Injector

Honeywell Enraf



INCORPORATES A STATE OF THE ART
METERING/CONTROL MANIFOLD DESIGN
WITH THE ENHANCED FEATURES OF THE
BLEND-PAK CONTROL MODULE.

**The most advanced additive injector technology
on the market**

Blend -Pak® 3000 Plus Injector

Injector Manifold Features

- Precision Oval Gear Meter machined into manifold block
- Standard version with Ryton gears, up to 3 GPM
- Standard half height gears with double resolution
- Standard Chemraz solenoid valve machined into manifold block
- Optional Teflon solenoid valve
- Inlet Strainer and outlet check valve machined into manifold block
- Inlet and Outlet isolation/flow control needle valves machined into Manifold
- Standard components for common spare parts
- Designed without tube fitting resulting in virtual leakless operation

New Features

- Frequency flush & Permissive
- Single command transaction file dump
- Analog Pacing
- Analog Flow Rate Output

Standard Blend-Pak 3000 Plus Controller Features

- Mounted in explosion proof enclosure rated for Class I, Division I, Group C & D
- 2 line by 14 position back lit liquid crystal display
- Ambient operating range of -40°F to 140°F
- Hand-held IR programmer interface
- Smith AccuLoad™, Brooks IMST™, Gate City, Modbus, and "T" protocols
- 4 level 8 password security
- Patented control algorithm for automatic injection correction
- 8 Alarms including no additive flow, low additive, high additive, and leaking solenoid

Find out more

For more information...

Honeywell Enraf

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- Automatic calibration of additive meter
- Smith Meter Smart Additive Communications ready
- Stores 750 transactions
- 2 permissive inputs select 2 injection rates
- Batch based injection volume correction
- Independent sourced solenoid power
- Independent sourced alarm power
- Triac Alarm and Control

Electrical Specifications

- 90-265 VAC 48-63 Hz standard
- AC or DC input pacing pulses
- 4 - 20 ma pacing input optional
- AC maximum rate of 100 pulses per minute
- DC driving circuit must sink to within 0.8 volts of DC ground and signal must rise to 4.5 - 30 VDC. Maximum rate of 5 kHz
- Dual triac output for alarm, feedback, or pump control
- DC factored additive pulse output
- RS485 2-wire or 4 wire communications
- 12 VDC supply for transmitters or converters
- CE approved

Accessories

- P/N 10-31050 IR Hand-Held Controller
- P/N 10-31565 Mono-Block II calibration kit
- P/N 10-34020 COM II Software package for using laptop to program modules

Monoblock II Electrical Specifications

- Explosion proof solenoid standard, available in 120/240 VAC models
- Explosion proof 3-wire hall effect meter pickup requires 5-30 VDC supply and supplies open collector high speed pulses, unsourced
- 5000 PPG
- UL approvals for solenoid and meter

- sensor for Class I, Division I, Group C & D
- 1/2" FNPT conduit openings in sensor and solenoid may be oriented to top or bottom of the block
- 3/8" FNPT Inlet and Outlet connections machined into the block

Monoblock II Mechanical Specifications

- 303 Stainless Steel block
- Explosion-proof solenoid machined into the block with Chamraz seat
- Combination isolation and flow control valves on inlet and outlet
- Quick Connect test port intergrated in the block with Viton Seal
- All other elastomers are Teflon or Teflon encapsulated silicon
- Optional all Kalrez/Chemraz seals are available
- Standard with Ryton Gears: Standard oval gear meter (flow range .1 - 3 GPM) nominal K-factor 5000
- Optional Stainless Steel gears available with 5000 PPG

