

# TERMINAL AUTOMATION SOLUTIONS

Safe, Reliable and Profitable Operations



Honeywell

## ADDITIVE INJECTION SYSTEMS



2 14 16

### MeQ-Pak Additive Injector

The MeQ-Pak turbine-driven injector is a rugged, low maintenance mechanical device capable of injecting from 0.2 to 2500 ppm. The self-powered turbine produces the energy to drive the injection system, therefore the MeQ-Pak requires no additional power supplies or boost pump systems.



3 6 8 9

### Fusion4 MultiPak

The MultiPak is designed to control multiple stream additive injection systems capable of managing up to twelve Monoblock III or Monoblock II+ devices. The MSC-A (Multi Stream Controller - Additive) monitors the flow of the wild stream and uses this flow rate to accurately pace the flow of the additive stream to a pre-determined target ratio in parts per million (ppm).



3 6 8 9

### Fusion4 Minipak

The MiniPak additive solution utilizes Honeywell's state-of-the-art Fusion4 SSC-A in conjunction with Monoblock III / Monoblock II+ for control of Single Stream additive injection. The pacing of the additive stream is achieved through accurate, rapid injections of very small volumes of additive into the process, at frequently and evenly spaced intervals.



5 10

### Fusion4 Microdose

The Fusion4 Micro-Dose is a complete and self-contained additive injection system, including an electronic controller, pump, and closed-loop calibrator. The Micro-Dose Injection System is designed for those ultra-small dosage applications that are hard to achieve with conventional additive injector systems. It is ideal for Mercaptan injection and many other application ranging for 1 to 10PPM injections.

## BLENDING SYSTEMS



6 8 14

### Fusion4 SSC-B

Fusion4 SSC-B is designed for biofuel blending applications at the load rack where accuracy, audit trail, customer, and regulatory compliance requirements are mission-critical. It is the most technologically advanced single-stream blending system available on the market, helping customers "Zero in on Accuracy." Legacy V2 Controllers can be seamlessly migrated to Fusion4 SSC-B.



6 8 14

### Fusion4 BioBlend

A complete solution package for those requiring secure, precision blending capabilities for biofuel and petrochemical products. This compact solution permits the hazardous area control of up to four blend streams simultaneously to exacting custody transfer accuracy standards. Fusion4 brings advanced features such as rapid start-up and zero downtime firmware upgrades to the BioBlend solution to reduce operational cost.

Honeywell Enraf Product Overview



## LOADING AUTOMATION



3 6 8

### Fusion4 MSC-L

Fusion4 MSC-L, the multi stream controller for loading, provides precise, safe and reliable custody transfer approved loading control in hazardous environments. Can manage simultaneous up to 6 arm loading with internal additive control along with precise pre-defined blend ratios and the transfer of high value product at road loading, rail, and marine terminals, as well as tank farms applications.



2 7

### Terminal Manager

Honeywell's Terminal manager provides an integrated solution for bulk liquid terminals by combining traditional loading/unloading applications with security, video systems and safety solutions into one package. It directly interfaces with typical terminal instrumentation and high-level ERP systems.



3 6 8 9 11

### Securitaire Grounding System

This provides safe, effective grounding of road and rail tanker vehicles during the loading and unloading of flammable liquids.

## GAS DETECTION



5 12 13 15

### Gas Detector

Infrared (IR) gas detector for challenging terminal applications.



5 8 12 13 15

### Hyper-Spectral Gas Imaging

Rebellion Gas Cloud Imaging (GCI) for gas detection and measuring.

## TANK GAUGING SYSTEMS



3 12 13 15

### Enraf Smart Servo 954

The Enraf Smart Servo 954 gauge provides safe, reliable, and extremely accurate level measurement. These multi-functional devices integrate liquid level, density, and free water interface measurements for a complete tank gauging solution.



3 12 13 15

### Enraf SmartRadar FlexLine 990

The SmartRadar FlexLine automatic tank gauge (ATG) combines innovative software algorithms with our proven planar antenna technology for the precision you need in custody transfer and inventory applications.



3 4 11

### Communication Interface Unit

The Enraf Tank Farm Gateway (CIU 888) provides the operator with reliable, accurate, real-time tank inventory data according to international standardized calculation methods, such as the API, ASTM, GPA, and many others.



2 7

### ENTIS Inventory Management

Honeywell's ENTIS Inventory System is built on the proven Experion® platform to put you in control for a better operation.



3 12 13 15

### Vito Temperature

Vito is a range of temperature measurement products for bulk storage tanks.

## VERIFICATION PRODUCTS



1 6 14 16

### Small Volume Prover

The Honeywell Small Volume Prover (SVP) is a high accuracy, low pressure drop device used for verifying the accuracy of custody transfer-approved flow meters. The small volume prover is the number one choice for proving Coriolis mass flow meters, Ultrasonic, positive displacement (PD), and turbine meters.



1 12

### Onecal

The Onecal is an intrinsically safe, portable digital thermometer.



1 3 12

### UTI2000

The UTI2000 is a portable, gas tight, liquid level gauge designed to operate on top of closed petroleum and chemical tanks.

### **For more information**

To learn more about Honeywell Enraf's Terminal Automation Solutions, contact your Honeywell Enraf account manager or visit [www.honeywellenraf.com](http://www.honeywellenraf.com)

### **Americas**

Honeywell Enraf Americas, Inc.  
1250 West Sam Houston Pkwy S.  
Houston, TX 77042, USA  
Phone: +1 (480) 293-2042  
Email: [enraf-us@honeywell.com](mailto:enraf-us@honeywell.com)

### **Europe, Middle East and Africa**

Honeywell Enraf  
Delftechpark 39  
2628 XJ Delft  
The Netherlands  
Phone: +31 (0)15 2701 100  
Email: [enraf-nl@honeywell.com](mailto:enraf-nl@honeywell.com)

### **Asia Pacific**

Honeywell Pte Ltd.  
17 Changi Business Park Central 1  
Singapore 486073  
Phone: +65 6355 2828  
Email: [enraf-sg@honeywell.com](mailto:enraf-sg@honeywell.com)