Fusion4 MicroBlender 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 in the market, helping customers “Zero in on Accuracy”.

The Fusion4 MicroBlender system is designed to facilitate a precision blending capability for the downstream petroleum and petrochemical refining, storage and distribution sectors. The solution is fully compliant with the EU Measuring Instruments Directive (MID) and features a unique blending algorithm that helps companies achieve the highest blending accuracy to reduce off-spec blends and the associated costs. This highly configurable Fusion4 solution not only increases accuracy, but is also faster and easier to configure and maintain.

Common applications include:

- Ethanol blending
- Bio Diesel blending
- Denaturing of Ethanol
- Butane blending
- Mid-grade fuel blending
- Chemical blending
- Fertilizer blending

It is the successor to Honeywell Enraf’s most widely used V2 MicroBlender.

The Fusion4 MicroBlender system combines the Fusion4 SSC (Single Stream Controller) with application specific, designed blend streams. Each stream provides all of the key elements required to accurately meter and control the blend stream flow, whilst the Single Stream Controller implements precision control of the blend ratios, monitoring alarm parameters and reconciling totals.

Advanced features include 3.5” QVGA full color screen, transaction and calibration audit trail, intuitive Diagnostics Dashboard, new Fusion4 LAD (Local Access Device) which facilitates two way data communications between the Fusion4 SSC and the LAD, allowing the rapid, secure transfer of transaction data, configuration files and calibration records. It also supports the ‘live’ upgrading of firmware while in the field. The Single Stream Controller can store 10,000 transaction logs, 128 alarm logs and 100 calibration logs.