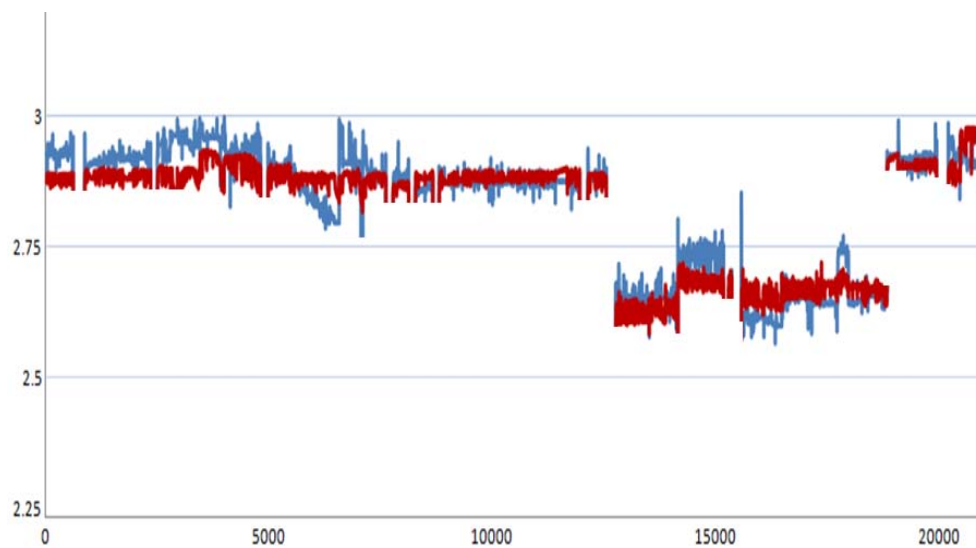
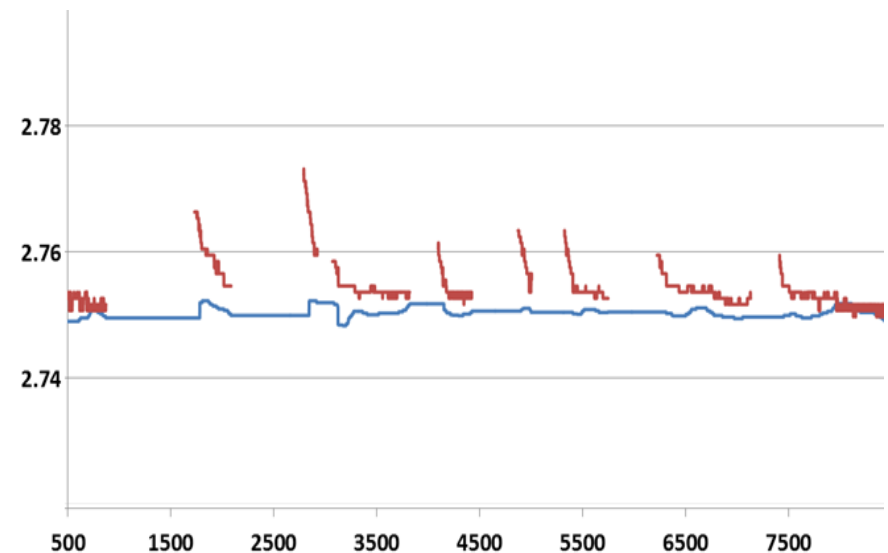


## VS-3000 vs. Traditional Inline Instruments:

## CO<sub>2</sub> Measurement (v/v)



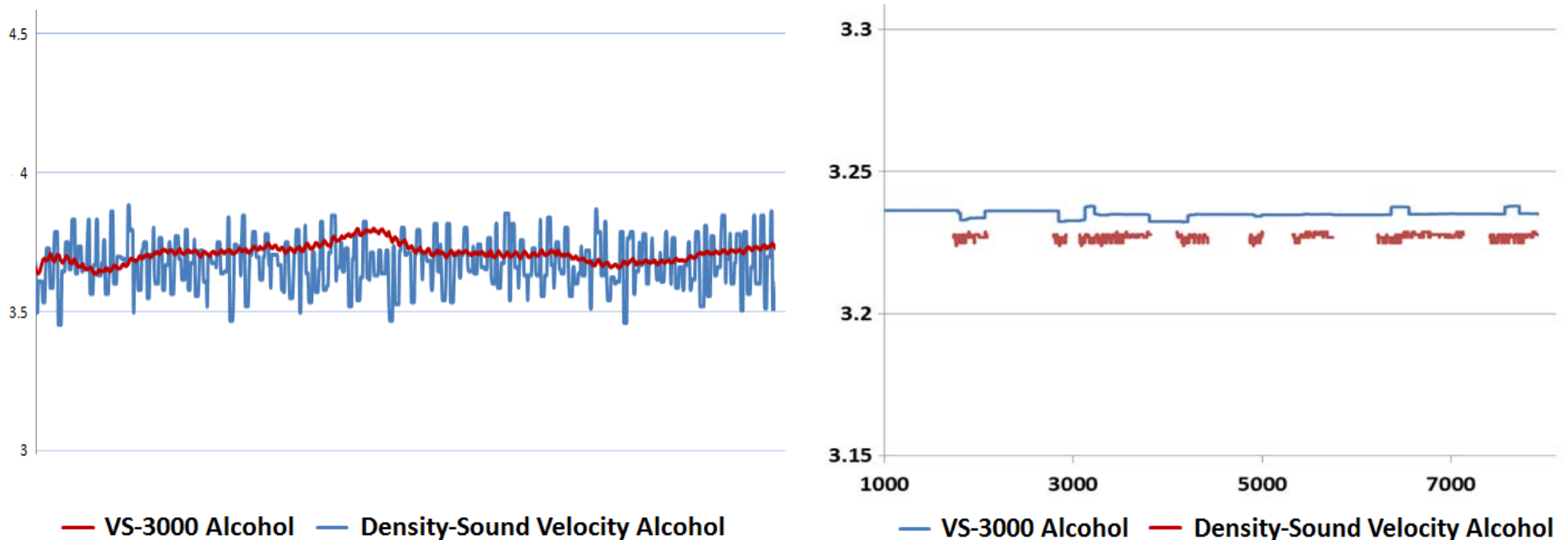
— VS-3000 CO<sub>2</sub> — Pressure-Temperature CO<sub>2</sub>



— VS-3000 CO<sub>2</sub> — Pressure-Temperature CO<sub>2</sub>

These charts compare the VitalSensors *VS-3000BM* inline CO<sub>2</sub> measurement to inline Pressure-Temperature instrument. The data on the left covers a 30-day period at a major Brewery. *VS-3000* has a lower standard deviation of measurement and shows the Brewery's process to be more stable than the pressure-temperature instrument indicates. The data on the right demonstrates *VS-3000* pressure spike immunity and shows a lower measurement deviation when compared to the pressure-temperature instrument. *VS-3000* provides continuous, uninterrupted output.

## VS-3000 vs. Traditional Inline Instruments: Alcohol Measurement (% w/w)



These charts compare the VitalSensors *VS-3000BM* inline Alcohol measurement to an inline Density-Sound Velocity instrument. The data on the left is 1500 comparison samples from a blender installation at a major Brewery. *VS-3000* has a lower standard deviation of measurement and shows the Brewery's blending process to be more stable than a density-sound velocity instrument indicates. The data on the right comes from a release line at a major brewery. *VS-3000* demonstrates a lower standard deviation of measurement compared to the Density-Sound Velocity instrument. *VS-3000* provides continuous, uninterrupted output.