ProEYE®

A cost-effective solution and a **"Real-Time" alternative** to other expensive measurement analyzers.

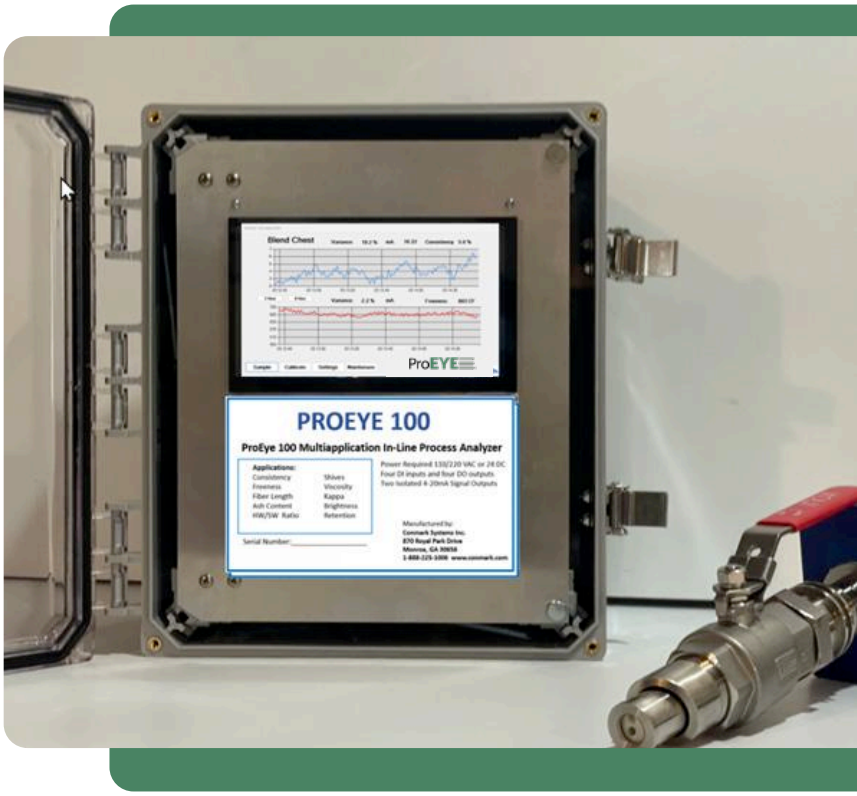
ProEYE® CS Consistency Transmitter

ProEYE® CS - An Easy to Use Consistency Transmitter

The **ProEYE®** CS transmitter utilizes a unique measuring technique to determine the total consistency properties of the pulp. When combined with simple calibration and easy-to-use configuration menus, The ProEYE® CS is unlike any other consistency transmitter on the market today. By continually calculating a matrix of strobed LED responses from the furnish, the ProEYE® CS produces a "real-time" pulp consistency reading for use by operations. Common applications include chemical, mechanical, and recycled pulps, as well as headbox monitoring. The ProEYE® CS is manufactured in the USA.

ProEYE® CS Description

The **ProEYE®** CS consists of a Sensor Probe that inserts into the process through a ball valve and pipe nipple assembly. (Ask Multipli to help you choose the best location in your process for the measurement.) The Remote Display Unit (RDU) is Windows 11-based and includes a 7-inch touch screen to input configuration data and display a graphic recording of the consistency measurement. Configuration is menu-driven and is accomplished by selecting the appropriate parameter, entering values into sub menu locations, and storing them into memory. The RDU can be installed 45 ft or more away from the sensor and come with 2 binary inputs, 2 alarm relay outputs, and one 4-20mA output for the consistency signal. 115VAC power is required.



A Real Tool for Improving Consistency **ProEYE®** is a cost-effective and repeatably accurate real-time consistency measurement solution. It helps reduce consistency variability in your process today. Contact Multipli Systems or our local Representative.

A PRODUCT OF

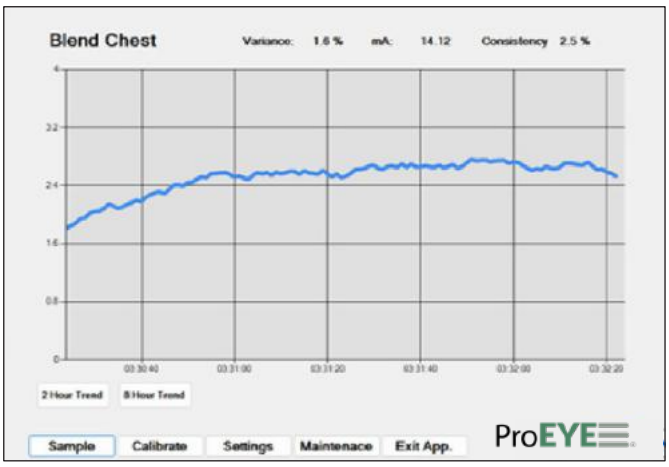
MULTIPLI machine inc.

3380 Denver Drive Unit B Denver, NC 28037 980-577-6885 www.multiplimachine.com

Calibration:

- **Press** the Sample Button - Analyzer adds measurement data to its memory.
- Activate Calibrate page. **Press** edit model.
- Enter lab sample results in the empty cell.
- **Save** to the database and analyzer calculates new calibration coefficients.
- If the new model is acceptable, save it.
- **See the effects** of the new values on the Main Display page in the RDU.

Date	Time	Lab	IR	RED	GREEN	BLUE
1/20/2023	14:08	2.2	2224	2260	2228	2224
1/21/2023	14:11	3.9	2030	1973	2205	2031
1/22/2023	14:13	4.1	2111	2072	2008	2112
1/23/2023	14:16	3.2	2129	2080	2038	2130
1/24/2023	14:18	2.5	2097	2161	2098	2098
1/25/2023	14:20	4.3	2161	2014	1982	2162
1/26/2023	14:23	2.9	2183	2121	2127	2183
1/27/2023	14:24	3.1	2021	2074	2080	2022
1/28/2023	14:28	3.6	2064	2124	2068	2064
1/29/2023	14:50		2257	2136	1949	2257



Technical Specifications:

One 4-20mA output

Process temperature: 32 -280°F (0-120°C)

Material of wetted parts: AISI 316L, Titanium

Lens: Sapphire (no seals)

Consistency Range: 0 to 12 %

Power Required :110 AC 1 amp

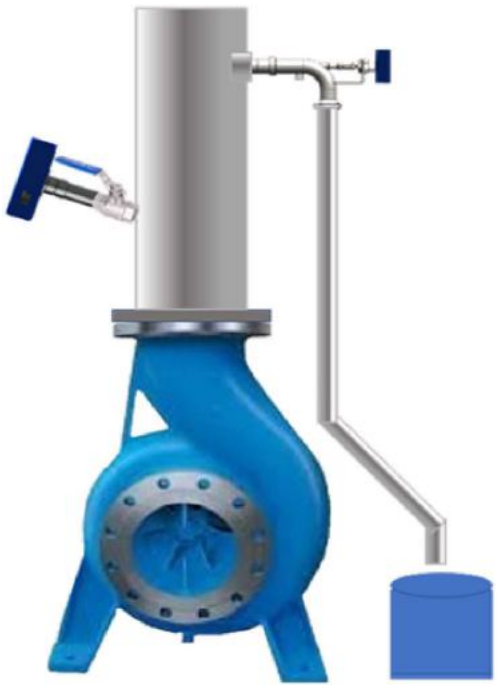
User Information:

Setting parameters and manually calibrating the ProEYE® CS is easy.

ProEYE® 100 has an advanced mathematical library to evaluate the samples and calculate correlation, regression, and simulation modeling needed for application control.

The ProEYE® CS employs statistical techniques to evaluate the deviation of the readings from the previous calculations and if warranted adjusts the transmitter settings, automatically to the new process conditions.

These capabilities are unique and ensures ProEye® CS is always on target and performing accurately.



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