

DSP Autoleveller with Quality monitor for Draw frame RSB1–51–851-951

Model: SAQM - D95



Advantages

- ❖ Improved U & CV of sliver.
- ❖ Higher efficiency at cone winder due to reduced thick and thin places.
- ❖ Consistent sliver quality and optimized Yarn realization.
- ❖ Enhance your old draw frame to DSP technology at an affordable price.
- ❖ On line quality monitor at par with Uster quality standards and avoid frequent lab testing.

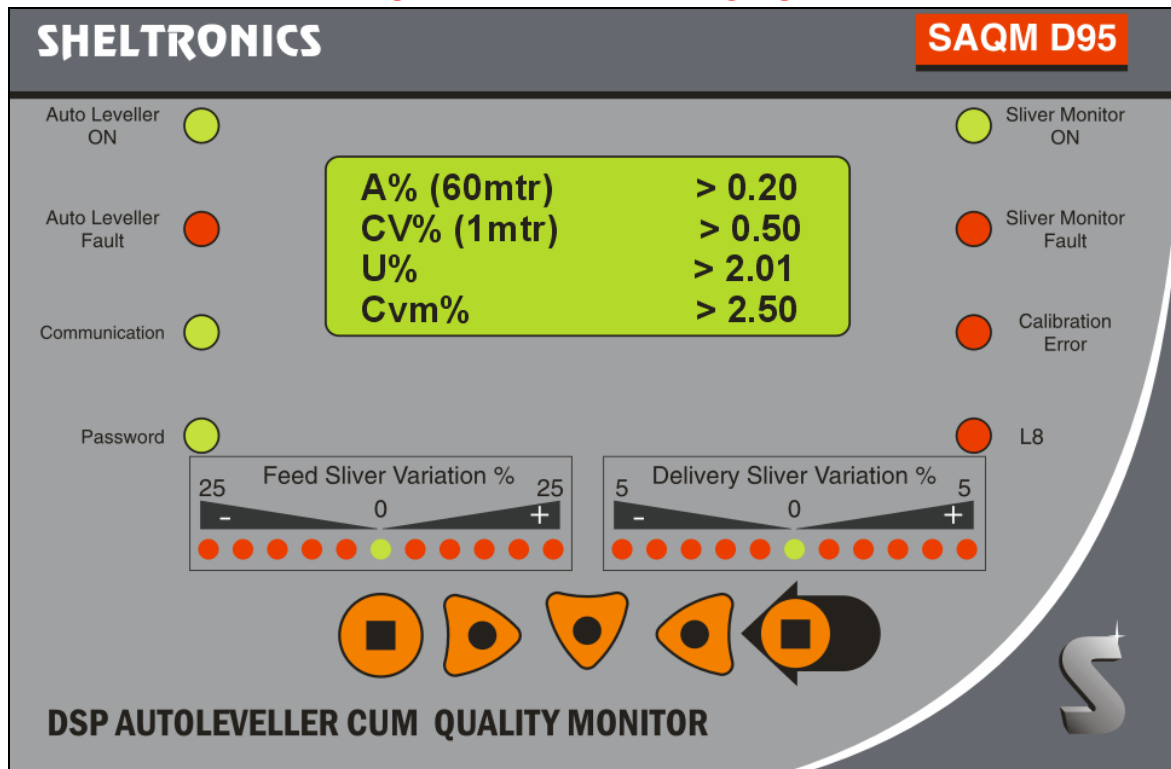
Features

- ❖ One mm In-feed material scanning.
- ❖ Less than one millisecond Autoleveller correction.
- ❖ Autoleveller Correction starts from 1mtr/min and extend up to 1500mtrs/min delivery speed.
- ❖ 7.35mm cut length measurement on Delivery Sliver on Quality Monitor.
- ❖ On board scanning roller calibration & servo speed test.
- ❖ On-line: A%, 1m CV%, U% & Cvm% monitoring.
- ❖ Real Time Clock (RTC) for event capturing.
- ❖ Stop Control on Quality Level:
 - A% Limitation → CV% Limitation → U% Limitation
- ❖ Password control to alter important functions.
- ❖ **Optional** SCADA (Model: SAQM D95/Touch)
- ❖ Quality monitor (A%, CV%, U% & In-feed) trend graphs.
- ❖ DSP technology helps the quality of Autoleveller for years.

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DISPLAY AND INTERFACE UNIT

Autoleveller Set Parameters:

- Autoleveller control on/off
- Target sliver weight
- Actual sliver weight
- Autoleveller action point
- N+1 leveling intensity set limit
- N-1 leveling intensity set limit
- Auto adoption of delivery sliver weight
- Servo drive speed calibration test.
- Scanning roller mm/voltage calibration test and display

Quality Monitor Set Parameters:

- Quality monitor on/off
- Auto adoption for sliver quality monitor
- A% stop length (5 to 100 meters)
- A% stop limit % (0.5 to 5.0)
- U% stop control on / off
- U% stop limit % (1.00 to 10.00)
- U% length measurement (60 meters average and 50 to 200 meters measurements)
- U% correction factor (0.80to 1.20)
- CV display (Settable between 0.2 to 1.2 meters)
- CV stop control on/ off
- CV stop limit % (0.1 to 3.0)
- CV samples (10 to 100)
- CV correction factor (0.80 to 1.20)
- Quality monitor calibration test and display

Quality faults Analysis reports

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- 100 event captured and displayed on FIFO arrangement with month, date, hour ,minute, type of fault and error %

