

Yarn Quality Monitoring Systems and Equipment

OLM2NCS

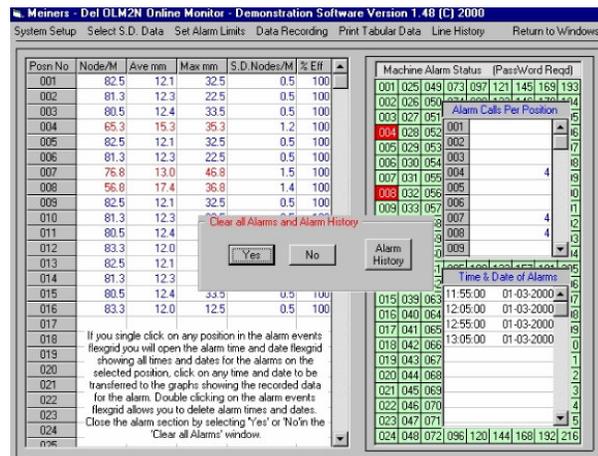
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Node Count and Space Monitoring

On-Line Quality Control System



Standard Sensor



PC Software Provided

- Each signal processing unit monitors 12 thread lines for Node Count / Average Node Space / Maximum Node Space
- Monitors yarns upto speeds of 5000 Metres per minute
- Signal processing units are configurable for RS485 Network or RS232 communication
- 30 Units on one single RS485 Network
- Compact sensor design with two infra red light beams producing an excellent yarn profile
- Standard sensor yarn denier range of 10 to 2500, minimum thread spacing of 27mm
- Sensor also available for a minimum thread spacing of 11mm
- Sensor also available for yarn deniers of 2500 to 15000
- Standard sensor cable length of 5 Metres, extension leads also available
- Requires a 15V DC supply @ 2.5A
- Software provided giving full control of each signal processing unit
- Out of tolerance limits set via the software
- Recording of data files for analysis
- Line History data viewable at any time
- Trending graphs produced
- Out of tolerance 'Alarm' indication and 'Alarm' history for any position accessible at anytime
- Password required to close the program and change 'setup' parameters
- Alarm warning of sensor failure or contamination
- Outputs provided from each unit for machine 'Stop' or warning light illumination