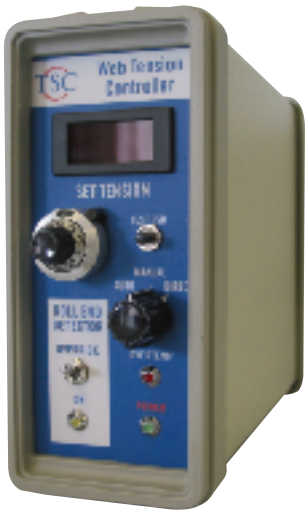
Digital Web Tension Controller



The TSC Web Tension Controller enables web tension in both unwind and rewind to be accurately programmed over a wide range of forces without the requirement for recalibration.

Ease of adjustment enables a wide range of materials to be processed.

Operation in closed loop, open loop and direct mode allows for complete control of brake force and web tension. Additional inputs are also provided for end of roll detection with automatic machine stop, ramp start and brake overtemperature protection as standard.

External programming of web tension is also available to order.

Applications

Input unwind, intermediate and rewind of web tension for rotary die cutting and setting of web tension for the laminating and print registration in label manufacture, medical and automotive products and coil winding.

Features

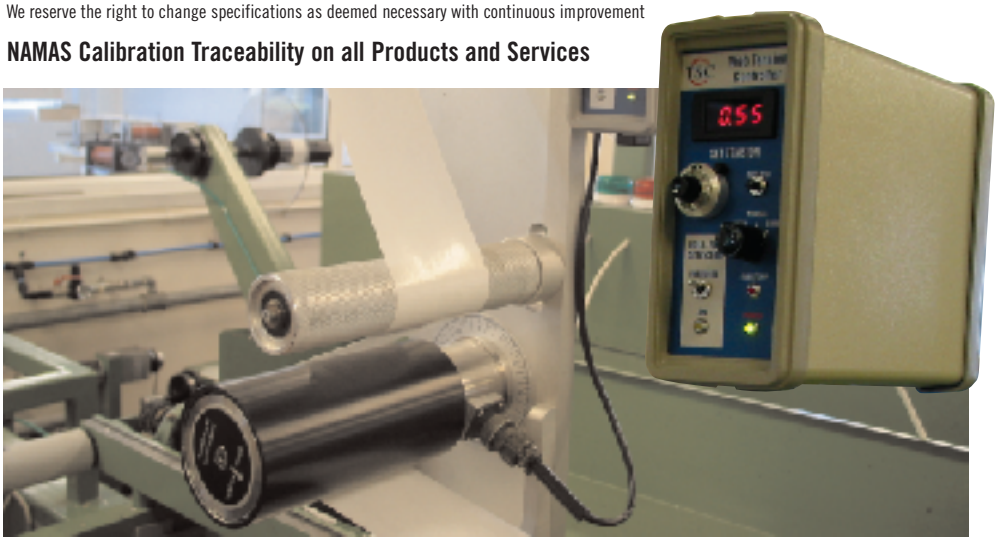
* Ease of set up and commissioning
* Closed loop, open loop control with auto or manual operation
* Loadcell, follower arm or Utrasonic roll diameter measurement
* Unwind or Rewind tension control
* End of roll detection alarm and machine stop with ramp start
* Direct display of web tension in lbs or Kgs
* External setting of web tension and monitoring

Specifications

Accuracy:	±1% of FSD
Tension ranges:	0.5 Kgs FSD to 50Kgs FSD
Closed loop response time:	[adj] 0.5 - 20 sec
Brake output:	0 - 24v dc @ 1 Amp constant current
Display:	3.5 digit [7mm high]
Dimensions:	154mm high x 70mm wide x 230mm deep
Power supply:	230 or 110v ac @ 50 watts via internal filter

We reserve the right to change specifications as deemed necessary with continuous improvement

NAMAS Calibration Traceability on all Products and Services



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