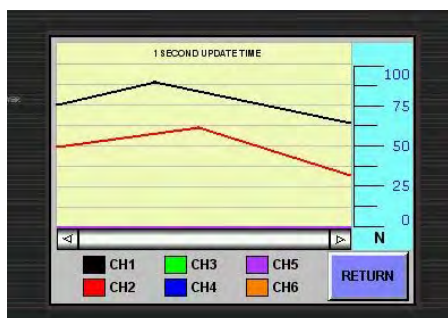
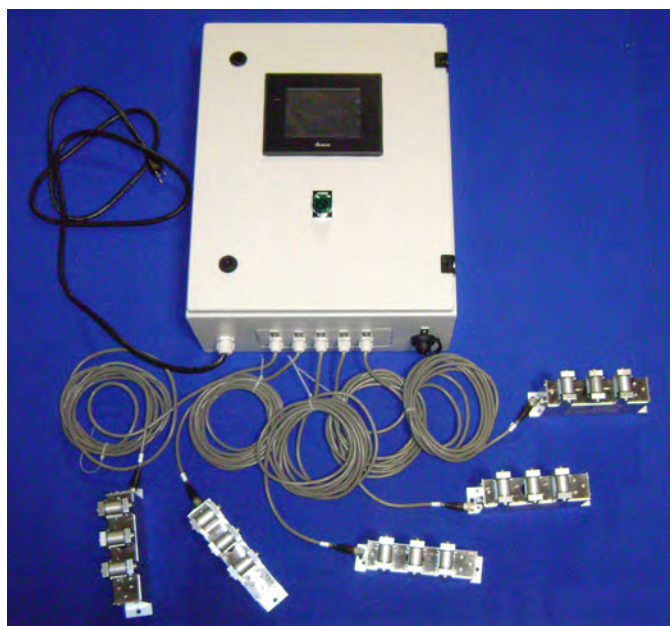


DTH-TAQ4000U-HMI Tension Monitoring System

Features

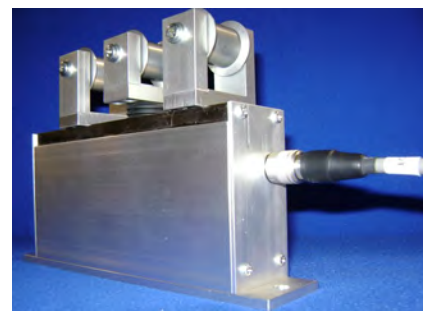
- DTH Load cell tension sensor range 0.5 N to max 200N.
- Tension monitoring for up to 6 sensors. Custom configurations available.
- Built in touch screen display for easy access to charts, monitoring and configuration settings.
- Enables tension monitoring and recording to a PC via USB port.
- Wide variety of tension ranges and roller widths available.
- Combine any DTH load cell sensor unit with any TAQ Display unit
- Please contact Izumi International, Inc. for special requirements.



Example of Tension Chart



DTH Tension Sensor



DTH Sensor Connection

Specifications

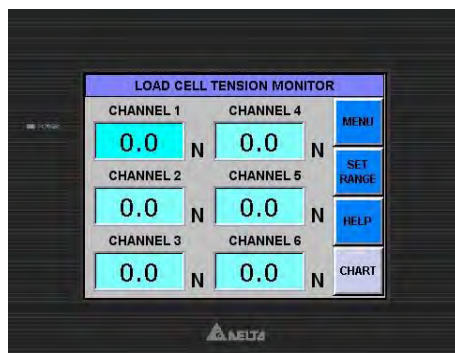
Power Input	110 VAC single phase
Tension Sensors	Complete lineup of sensors available including standard range, high range and wide web.
Speed Range	500 m/min (may vary based on tension ranges and application).
Tension Range	Tension sensors from 0.5 N to max 200N range are available.
Linearity	+/- 2.0% R.O. at 23degC +/- 3degC. Accuracy may change with temperature or model type.
Max Physical Load	2 times rated capacity
Roller Range	Rollers widths from 2.5mm to 42mm wide. Also wide web rollers up to 600mm are available.
Touch Screen Display	Allows for setting range, viewing charts and load cell monitoring.
TAQ Data Collection	USB port to PC. Software included provides real time chart and data storage on PC.
Channels	6 Channels. Additional channels available upon request.
Enclosure Rating	NEMA 13 or equivalent. Suitable for carbon fiber environment.

HMI Screen Details

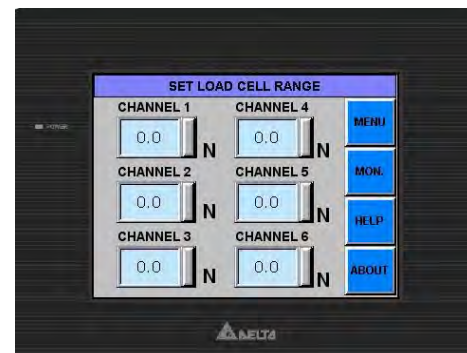
Tension Monitor Main Menu



Load Cell Tension Screen



Set Load Cell Range via Touch Screen



Tension Sensor Details

Standard Range Sensors



Type	Range N (grams)	Roller Width (mm)
DTH2200	0.5 (50)	2.5
DTH3210	1 (100)	12
DTH4210	2 (200)	12
DTH5210	5 (500)	12
DTH5240	5 (500)	42
DTH6210	10 (1000)	12
DTH6240	10 (1000)	42
DTH7210	20 (2000)	12
DTH7240	20 (2000)	42
DTH8210	30 (3000)	12
DTH8240	30 (3000)	42

High Range Sensors



Type	Range N (grams)	Roller Width (mm)
DTL2220	50 (5000)	22
DTL2260	50 (5000)	62
DTL3220	100 (10000)	22
DTL3260	100 (10000)	62
DTL4220	200 (20000)	22
DTL4260	200 (20000)	62

Wide Web Sensors



Type	Range N (grams)	Roller Width (mm)
DTW5220	10 (1000)	210
DTW5240	10 (1000)	410
DTW5260	10 (1000)	610
DTW6220	20 (2000)	210
DTW6240	20 (2000)	410
DTW6260	20 (2000)	610
DTW7220	50 (5000)	210
DTW7240	50 (5000)	410
DTW7260	50 (5000)	610