

TENSITRON®

A KTC Instruments Company



TENSION TRANSDUCERS

REMOTELY MONITOR AND CONTROL TENSION

CONTINUOUSLY MONITOR AND RECORD TENSION

Precise, measurable quality control • Uniquely suited to your project requirements



DEPENDABLE

Save time and cost

- Precise, high-speed sensors
- Permanently mounted for stable readings
- Customized rollers and calibration for your application



CONVENIENT

User-friendly



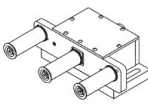
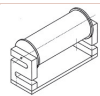



- Continuous monitoring and recording
- Remote display
- Automatic process control
- Wide variety of designs to match the needs of your installation

CONTINUOUS MONITORING SOLUTIONS

1. Select from Tape, Web, and Belt Transducers or Fiber, Wire, and Cable Transducers
2. Choose a Signal Conditioner to utilize the signal
3. Transducer system will be customized for your application



TAPE, BELT, AND WEB TRANSDUCERS

| MODEL | DESCRIPTION | RANGE | IMAGE |
|-----------|---|---------------------|---|
| E-415-003 | Small Space Transducer with 3 rollers | 5 - 5,000 g (11 lb) |  |
| E-200-00 | Cantilever Transducer | 1 - 25 lb |  |
| E-091-02 | Low Force Load Cell with Cylindrical Rollers | 1 - 100 lb |  |
| 4260 | Single Roller Web Transducer | 2 - 200 lb |  |
| E-095-04 | Notched Beam Transducer with Cylindrical roller | 25 - 250 lb |  |
| E-210-00 | S Column Transducer | 5 - 250 lb |  |
| E-202-00 | Pillow Block Load Cell Transducer | 25 - 1,000 lb |  |

SIGNAL CONDITIONER

OMEGA STRAIN METER / CONTROLLER








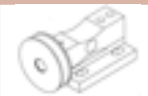

- Big, bright LED display
- Scaling in wide range of engineering units
- Built-in excitation
- Tare button
- Choose 115 VAC or 230 VAC
- Gross/net reading or peak reading software configurable

OPTIONS

- Analog Output • Dual 5A Relays



FIBER, WIRE, AND CABLE TRANSDUCERS

| MODEL | DESCRIPTION | RANGE | IMAGE |
|--------------------------------------|---|---------------|---|
| Tension up to 5,000 g (11 lb) | | | |
| FT-107 | Small Space Fiber Transducer | 5 - 5,000 g |  |
| FT-116 | Low Profile 3 Roller Sensor | 5 - 5,000 g |  |
| FT-117 | Single Roller Sensing Beam | 5 - 5,000 g |  |
| E-415-002 | Small Space Transducer with Single Roller | 5 - 5,000 g |  |
| F-1806 | Platform Mounted Fiber Transducer | 5 - 5,000 g |  |
| Tension up to 100 lb | | | |
| E-090-00 | Single Roller Low Force Load Cell | 1 - 100 lb |  |
| E-091-00 | 3 Roller Low Force Load Cell | 1 - 100 lb |  |
| Tension up to 1,000 lb | | | |
| E-095-01 | Notched Beam Transducer | 10 - 1,000 lb |  |
| E-095-03 | 3 Roller Notched Beam Transducer | 10 - 1,000 lb |  |

Signal conditioners use the input from the transducer and provide the excitation, amplification, signal conditioning, calibration functions, display/readout, and other options necessary for your application. We offer the OMEGA DP25B Series. You can also source your own signal conditioner, and we will provide you with wiring instructions to connect it.