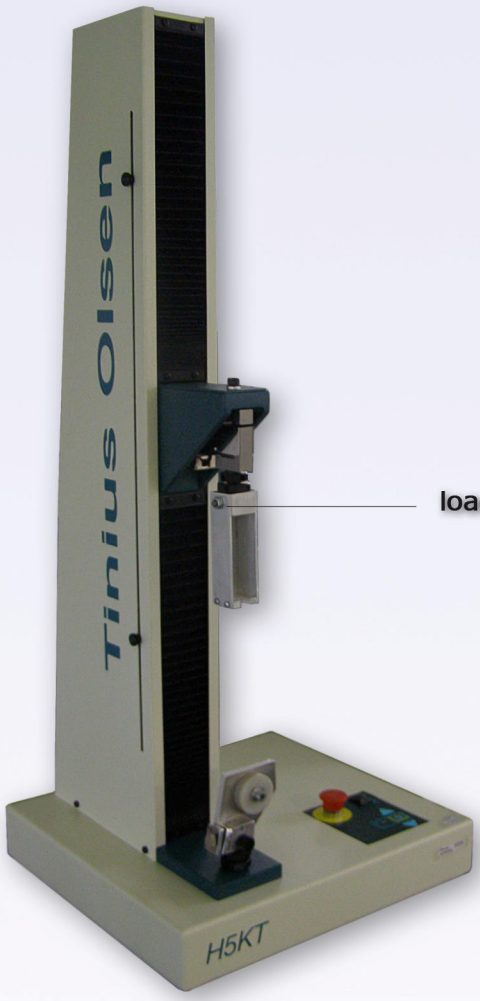
Sylex s.r.o.



load cell's 100N and 2,5kN

Sylex s.r.o. offers services in the field of tension and compression testing according to IEC and Telcordia by measurement system H5kT from Tinius Olsen.

We offer:
- tension testing of optical fibers, metal wires and cables with diameter up to 5mm with maximum tension of 2kN
- strength tests of crimp connections of connectors and mating mechanism of connectos

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H5KT

Benchtop Materials Testing Machines

Tinius Olsen's line of Benchtop Materials Testing Machines are designed to test a wide spectrum of materials including metals, plastics, rubber, textiles, paper, yarn, wire, adhesives, ceramics, timber, foils, composites and finished components in tension, compression, flexure or shear..

- PC control via high speed RS232 using ASCII mode and super high speed binary mode
- Machines are proof loaded to 200% of capacity
- Force accuracy of 0.5% of applied load across the load cell display range
- Built-in intelligent active force and displacement alarm system
- 32 bit precision motor controller
- Displacement resolution of 0.0001 mm (T series in binary mode)
- Speed resolution of 0.001 mm/min
- 150% mechanical overload capacity on each load cell
- 20% digital load tare while maintaining full load cell capacity
- Automatic motor drive alarms that monitor over/under voltage, current and temperature

The T series machines communicate directly with a standard PC or network running one of our Windows based data analysis software packages.

Specifications:

Load measurement accuracy:	+/- 0.5% of applied load from 2% to 100% capacity; extended range down to 1% capacity with accuracy of 1% of applied load
Position measurement accuracy:	+/- 0.01% of reading or 0.001 mm, whichever is greater
Speed accuracy:	+/- 0.005% of set speed
Operating temperature range:	32 to 100 degrees F (0 to 38 degrees C)
Storage temperature range:	14 to 115 degrees F (-10 to 45 degrees C)
Humidity range:	10% to 90% non-condensing, wet bulb method
Power:	standard optional voltages 220/240VAC, 50-60 Hz, 2000W; power must be free of spikes and surges exceeding 10% of the nominal voltage