



## Digiforce Non-contact tension measuring instrument

**Digiforce** is a new portable, battery-operated instrument using non-contact techniques which enable it to measure tension in wire, strand, cable and rod without contact.

It operates on the principle that when a tensioned member, anchored between two points, is struck it vibrates at a frequency which is relative to its tensile stress.

**Digiforce**, when held in close proximity to the vibrating member, detects the frequency of vibration and computes it to a force value on the digital display. Quick and easy to use, **Digiforce**, needs only two pieces of information to be entered on the keypad, the length of the member between its fixed points and its weight in gms/ metre.

### Applications:

- Pre stressed concrete fabrication
- Lifts
- Mast support stays
- Aerial ropeways
- Power lines
- Crane construction
- Mooring
- Yachting
- Mining
- Winching
- Drilling

### Complete Kit Includes:

- Robust Carrying Case
- Mallet (For resonance induction)
- Ferrous Responder for use with non metallic members
- Laminated look up tables

For more information on how **Digiforce** could work for you, call us...

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