



Loadstar has developed a series of easy to use products to meet your load sensing needs. We offer a range of load cells, indicators and software options to enable you to quickly measure loads, forces and weights. If you are designing a new product you can prototype your products with these standard products and contact us to customize for your specific requirements.



iLoad Pro Analog



iLoad Pro Digital USB



iLoad Digital USB



iLoad Mini with Threaded Stud



iLoad Mini Domed

Go to our website for more info at
www.prodynamics.com

Capacitive load cells

iLoad Digital USB LOAD CELL

Page 11



The Digital USB series of load cells offer direct measurement of compressive loads via the USB port of a PC. This load cell is ideal for educational and research applications. No need for signal conditioners, data acquisition systems or special software. Just connect and start measuring!

Capacities: 50, 100, 250 & 500 lbs.

Output Options: Analog (0.5–4.5V DC) or Hybrid (USB & 0.5–4.5V DC)

iLoad Pro Digital USB LOAD CELL

Page 13



The iLoad Pro Digital USB load cell offers direct measurement of tensile or compressive loads via the USB port of a PC. No need for signal conditioners, data acquisition systems or special software. Just connect and start measuring! The iLoad Pro Series offers greater ruggedness and improved cable strain relief for more demanding industrial applications.

Capacities: 50, 100, 250, 500, 1000, 2500, 5000 & 10000 lbs.

Output Options: Analog (0.5–4.5V DC) or Hybrid (USB & 0.5–4.5V DC)

iLoad TR Digital USB LOAD CELL

Page 15



The iLoad TR Digital USB load cell is designed for applications requiring reduced sensitivity to off-center loading.

Capacities: 2, 5, 10 & 50 lbs.

Output Options: Analog (0.5–4.5V DC) or Hybrid (USB & 0.5–4.5V DC)

iLoad Mini Miniature LOAD CELL

Page 17



The iLoad Mini Series load cell is designed for applications where size is a major constraint. The iLoad Mini is only 1.25" in diameter and outputs a 5V TTL square wave whose frequency is proportional to applied loads.

Capacities: 10, 50, 100 & 200 lbs.

Materials: Available in Aluminum or Stainless Steel

Recommended Signal Conditioners: DQ-1000 or DQ-4000