

Measuring / Applying micro force steadily

Nowadays, it is a big issue to apply micro-force steadily on cells or micro materials in the studies of MEMS, Nanotechnology, Biotechnology, etc. Besides, while measuring the films or wafers by using probes, the force applied to the probes also influence the test results significantly. The μ-Force system, developed by Chief SI, is able to measure micro-force and apply micro-force to tiny object. Applications: monitoring the force applied to the probe (includes four point probe), applying micro-force to MEMS components and measuring the IV-curve.

Feature:

- Capable of being used with four point probe stations.
- Measuring and applying micro-force steadily.
- Max resolution: 10 mg
- Software capable of monitoring 2-ch micro-force.

Specification:

Interface		USB 2.0
Sampling rate	1-CH	10 · 40 · 100 · 200 · 400 · 800 S/s
	2-CH	10, 25, 50, 100, 200 S/s
Range		100 g
Resolution		10 mg
Channel		1 or 2
Shunt Calibration		Built-in
Connector type		9-Pin D-Sub
Cable		1 m
Software		Displays data & curve. Save data with .CSV format.
Operating System		Windows 7 or later
Packages		u-Force sensor, Bridge DAQ, USB cable, 9-Pin terminal block, Software
Option		Micro positioner

