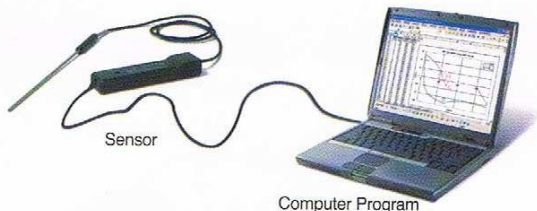


Quick Sensor Series

No Need additional Data Loggers!!!

USB



Draw an interactive graph along with data collection

Just plug Quick Sensor Series to your computer USB port!!

ScienceCube supplies USB connect sensors which can connect to your computer directly. No needs to connect interface, directly operates ScienceCube's software. USB Sensor Series can be easily used to record all sort of experiment circumstance.

QUSB-1001

Quick USB Temperature



Range : $-25^{\circ}\text{C} \sim +125^{\circ}\text{C}$
 Resolution : $\pm 0.1^{\circ}\text{C}$
 Probe Properties : Thermistor,
 Stainless steel covered
 Reading speed : 10s (90%)
 Chemical Resistance : 15 minutes (1M HCl)

QUSB-1007

Quick USB Magnetic Field Sensor



Range : $-50\text{G} \sim +50\text{G}$
 Resolution : 0.024G (12bit)

QUSB-1009

Quick USB Differential Voltage Probe



Input Voltage Range : $\pm 12.0\text{V}$
 Max. Input Voltage : $\pm 14.5\text{V}$
 Resolution (12bit) : 3.1mV

QUSB-1008

Quick USB Humidity Sensor



Range : 0~100%
 Resolution : 0.1%

QUSB-1010

Quick USB Current Probe



Range: DC -1.0 ~+1.0 A
 Resolution: $\pm 0.6\text{mA}$ (12bit)

QUSB-1005

Quick USB pH Sensor



Range: pH 0~14
 Resolution: ± 0.0036 pH units

Quick Sensor Series

USB

QUSB-1013

Quick USB Sound Level Meter



Accuracy : $\pm 1.5\text{dB}$
Range : 35~130dB

QUSB-1023

Quick USB Photogate Interface



INTERNAL GATE

Infrared source peak wavelength: 880nm
Rising Time : $2.5 \mu\text{s}$
Falling Time : $3.8 \mu\text{s}$

EXTERNAL GATE

Infrared source peak wavelength : 880nm
Spectrum Sensitivity : 500~1050nm
Rising Time : $8 \mu\text{s}$
Falling Time : $10 \mu\text{s}$

QUSB-1029

Quick USB Force



Range : $\pm 10\text{N}$ / $\pm 80\text{N}$
Resolution : ± 0.0056 / ± 0.056
Sensor Type : Electrical Strain Gauge

Force Sensor II is measuring force in the range of $\pm 10\text{N}$ or $\pm 80\text{N}$. It is used to measure the change of force quantity comprehensively.

QUSB-1034

Quick USB Gas pressure



Range : -1,000 ~ 3,000 hPa
Resolution : 1.3 hPa
Toleration : -1,000 ~ 3,050 hPa

The Differential Gas Pressure Sensor B is suitable for measuring minute change of pressure.

QUSB-1033

Quick USB Light Sensor



Full Range : 0~15,000 Lux
General Purpose : 0~6000 Lux
Sensitive Range : 0~600 Lux
Spectral Response Range :
3300 Å (330nm) ~ 7200 Å (720nm)

QUSB-1042

Quick USB Motion



Range : 0.16~6m (Max. 10m)
Resolution : $\pm 1.5\text{mm}$
Gauging principle : Ultra sonic transducer
Beam angle : Cone, around 15°
Sampling rate : (Max. 100 samples/s)
Depends on measuring distance

The Motion Sensor is designed to detect object position by supersonic wave. You can do variety experiment with Motion Sensor such as pendulum movement, free falling movement etc.

QUSB-1047

Quick USB Oxygen Gas Sensor



Range : 0~27%
Resolution : 0.006%

