

# UT-ONE S01A

## 1-Channel Thermometer Readout

**BATEMIKA**  
measurement solutions



### Highlights

- ❖ Single channel temperature measurement
- ❖ Small size with no accuracy compromises
- ❖ Ideal for **automated test procedures**
- ❖ High accuracy, stability and repeatability
- ❖ Platinum resistance thermometers
- ❖ Thermistors
- ❖ Thermocouples
- ❖ Banana connectors for maximum flexibility
- ❖ USB communication interface
- ❖ Power supply over USB
- ❖ Single or continuous measurement mode
- ❖ Standard and custom probe characterization
- ❖ Low power consumption
- ❖ Acquisition software and LabVIEW drivers available free of charge

### Specifications Summary

Type	Range	Accuracy
Platinum resistance thermometers	-200 °C to 960 °C (0 to 800 Ω) *	±0.006 °C **
Thermistors	-100 °C to 200 °C (0 to 40 kΩ) *	±0.001 °C **
Thermocouples	-200 °C to 1800 °C (±100 mV) *	±0.1 °C **
Internal CJC digital thermometer	5 °C to 45 °C	±0.5 °C

\* Readout only, actual range may be limited by probe specification

\*\* Readout only, typical value. Visit our website [www.batemika.com](http://www.batemika.com) to get detailed specification.

### Ordering Information

Description	Order code
UT-ONE S01A 1-channel thermometer readout	BH-B020
LabVIEW driver and applications	BS-B005