



Universal Verbalizer

Available in English or Spanish Versions

OMEGASAYS®

UV1000



**PATENTED
AND PATENTS
PENDING**



- ✓ Verbalizes Voltage, Current, and Type K Thermocouple Inputs in Engineering Units
- ✓ Portable, Handheld High Performance Design
- ✓ Built-In Speaker and Earphone Jack
- ✓ Over 100 Built-In Engineering Units
- ✓ RS232 Interface Allows User to Configure the Unit
- ✓ High and Low Alarm
- ✓ Command/Continuous Speech Mode Selection
- ✓ Verbalizes Signals While Connected to Other Measurement and Control Devices
- ✓ Front Keypad Provides Input Selection, Command Talk and Volume Control
- ✓ Power From 2 "AA" Batteries or AC Adaptor Input (Included)
- ✓ Decorative Table Top Stand Included for Ease of Operation

The new UV1000 OMEGASAYS® universal verbalizer is a handheld portable device that can verbalize 0 to 10 Vdc, 0 to 20 mA, and Type K thermocouple inputs. Configure the verbalizer using the RS232 PC interface to specify the input range, engineering scale, engineering unit, and high and low alarm set-points. Select from over 100 engineering units while configuring the verbalizer. The front keypad allows the user to select different inputs, command talk, and adjust volume control. The UV1000 is a perfect solution for verbalizing any type of control signal where a local display may not be available.

Specifications

Voltage Input: 0 to 1 Vdc, 0 to 5 Vdc, 0 to 10 Vdc
Current Input: 0 to 20 mA, 4 to 20 mA
Analog Input Accuracy: 0.2% of full scale
Thermocouple Input: Type K, SMP connection
Thermocouple Range: -100 to 871°C (-148 to 1600°F)
Thermocouple Input Accuracy: 2°C (3.6°F)



UV1000 shown actual size.

It Talks!

Command/Continuous Talk: Set via slide switch

High and Low Alarm Set Points: Set via RS232 PC interface

Engineering Scale Units: Set via RS232 PC interface

Volume Control: Set via keypad, 8 levels at 4 dB intervals

Power: 2 "AA" size batteries, or AC adaptor (both included)

Power Indication: Red LED

Low Battery Indication: Red LED, flashing

Speech Sampling Rate: 8 kHz

Speaker: Built-in, 8 Ω

Battery Life:

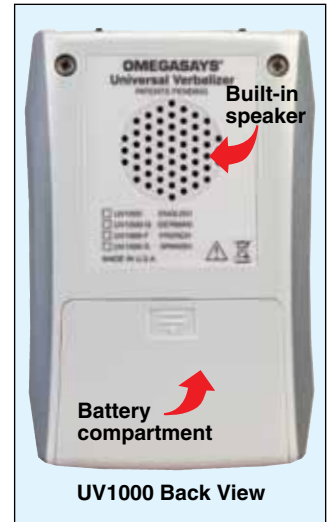
Alkaline: 40 hours, continuous talking mode

Lithium: 160 hours, continuous talking mode

Operating Ambient: 0 to 50°C (32 to 122°F); 0 to 95% RH, non-condensing

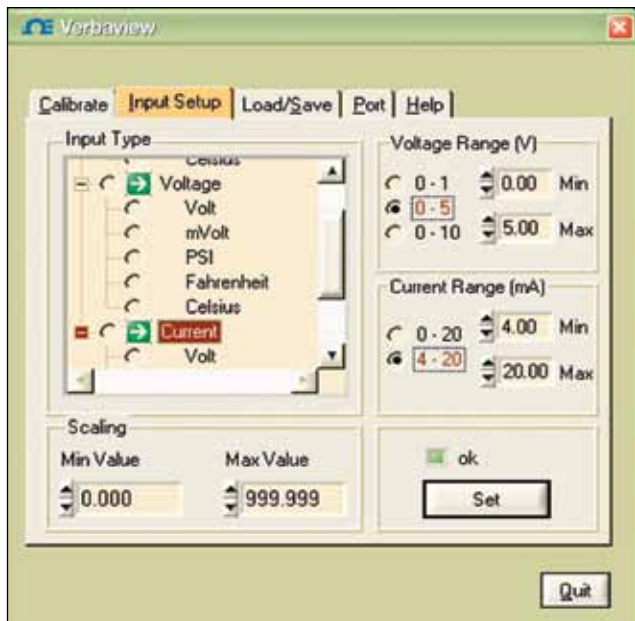
Dimensions: 120 L x 76 W x 32 mm D (4.75 x 3 x 1.25")

Weight: 250 g (0.55 lb)



UV1000 Back View

CAUTION! – This product is not intended for medical use or use on humans



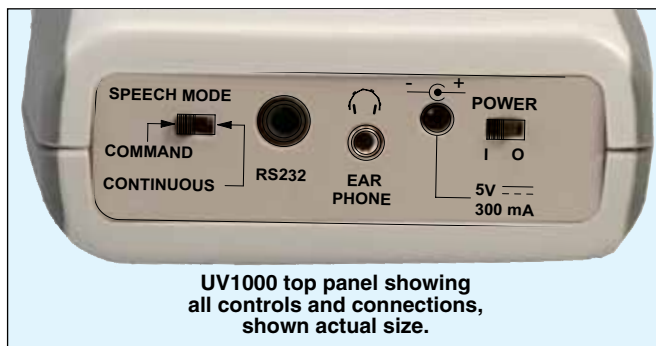
VerbaView™ PC software to configure UV1000 verbalizer, included with each UV1000.



The UV1000, shown measuring and verbalizing a surface temperature using the CL1600 surface probe calibrator and 88001K surface probe.

UV1000 Configuration From PC

- 1 Input Selection (Voltage, Current, Thermocouple)
- 2 Engineering Scale Corresponding to the Input Range
- 3 Engineering Unit (Select From over 100 Built-In Engineering Units)
- 4 High and Low Alarm Set Points
- 5 Decimal Point Selection
- 6 Factory Default Settings



UV1000 top panel showing all controls and connections, shown actual size.



OMEGACARE™ extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE™ covers parts, labor and equivalent loaners.

UV1000 shown with AC adaptor, earphone cable, RS232 cable, test leads, and table top stand.



Shown smaller than actual size.

Free Thermocouple Included!

This model includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy. **Order a Spare!** Model No. SC-GG-K-30-36

PATENT NOTICE

U.S. Patent No. 7,400,133.
Other U.S. and Int'l patents pending.

To Order	
Model No.	Description
UV1000	Universal verbalizer, English
UV1000-S	Universal verbalizer, Spanish
OM-NOMAD-CP9	RS232 cable for PC, 9-pin female connector
OM-CONV-USB	RS232 (9-pin male connector) to USB converter cable

Comes complete with operator's manual, Type K beaded thermocouple, test leads, earphone cable, RS232 cable, CD program, 2 "AA" size batteries, AC adaptor, and table top stand.

Ordering Examples: UV1000, universal verbalizer, English.
OCW-3, OMEGACARE™ extends standard 1-year warranty to a total of 4 years and OM-CONV-USB cable.