



The **VIATOR USB HART Interface** is a PC communication link to HART networks for commissioning, servicing, calibrating, or acquiring data from any HART instrument or transmitter. This external interface is rugged and compact for field use

***It's easy to talk to any HART<sup>®</sup> instrument with a personal computer and a VIATOR USB HART Interface.***

### **Economical and easy-to-use**

- Fully HART compliant for communication with any HART instrument and error-free slave testing
- Easy installation (*Software Driver Included*)
- CE approved for sale in Europe
- Draws power from USB port and needs no external power supply
- Rugged ABS plastic case gives you industrial-grade reliability in a small package
- USB 1.1 compliant
- Integral 6-foot connector cable terminates in two test clips
- Integral 6-inch USB connector cable
- Polarity insensitive so you may attach either one of the test clips to positive or negative poles
- Transformer isolation allows you to connect the unit across the current sense resistor or the field device

| TECHNICAL SPECIFICATIONS | VIATOR USB HART Interface  |
|--------------------------|--|
| SOFTWARE                 |  |
| Operating System         | WINDOWS 98,2000,XP   |
| USB Interface            | Available USB Port   |
| ELECTRICAL               |  |
| Power Supply             | System powered by USB Port. Does not use external power supply     |
| Supply Current           | 30mA @ +5V.  |
| Pins to Computer         | USB Connector  |
| Pins to HART Device      | 2-pin, polarity insensitive test clips                             |
| Output Level             | 0.5 +/- 0.1 Vpp trapezoidal wave @ 1200/2200 Hz                    |
| Isolation                | 1500 VDC between instrument and computer                           |
| ENVIRONMENTAL            |  |
| Operating Temperature    | 0 °C to 50 °C (32 °F to 122 °F)                                    |
| Storage Temperature      | -40 °C to 85 °C (-40 °F to 185 °F)                                 |
| Storage Humidity         | 0% to 95% relative humidity  |
| PHYSICAL DIMENSIONS      |  |
| Enclosure                | 2.95 x 1.31 x 0.59 in (75 x 33.3 x 15 mm) ABS industrial enclosure |
| Test Clip Cable          | 6' 2-strand wire terminating in two test clips                     |
| USB Cable                | 6" cable terminating in a USB type A connector                     |
| CERTIFICATION            |  |
| EMC 89/336/EEC           | CE approved for emissions and immunity, EN 61326                   |

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