

# Locator<sup>2</sup>



## True handheld Eddy Current inspection

- ❖ Tough construction for tough environments
- ❖ Small, light and comfortable, fits either hand
- ❖ Weighs less than 1kg with battery
- ❖ Top performance on all metal structures and components
- ❖ Stored set-ups speed up inspection cycles
- ❖ Intuitive operation creates confidence with minimal training
- ❖ Big, bright, high-resolution screen with LED backlight
- ❖ Lithium-ion batteries run for 14 hours from a single charge.
- ❖ Audible and visible, Box gate, sector and +/- level alarms
- ❖ Replaces Locator UH and UH-B, matches Locator probes

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## Specifications

### Operating Frequency

100Hz to 6 MHz in 47 steps  
(10 steps/decade with 7 at MHz level)

### Display

Hybrid Transreflective LCD with LED backlight. Protected by Hard coated acrylic window.

480 x 320 pixel resolution

### Gain

0dB to 99.9dB overall in 0.1dB steps

### Low and High Pass Filters

Low Pass : 3 to 1000Hz in 12 steps  
High Pass : DC to 500Hz in 10 steps

### Alarms

Alarm options are : + and - levels, Sector and Box Gate. Flashing LED's, internal sounder, and open collector outputs.

### Phase

0 to 360 degrees in 0.1 degree steps.

### Internal Data Storage

Capacity for up to 50 traces and 50 settings. 28 character alphanumeric names, plus time and date stamps.

### Probe compatibility

Absolute Locator (100 Ohm impedance)  
Absolute standard (50 Ohm impedance)  
Differential  
Reflection

### Balance Load

Manual or automatic. Selection from 1.3, 8.2, 22, 47, 82 or 120 $\mu$ H

### Outputs

Standard RS232

### PC Connectivity

Dedicated windows software allows easy reporting and printing.

### Languages

English, French, German, Spanish, Portuguese.

### Weight

0.94kg inc batteries.

### Dimensions

190 W x 140 H x 55 L mm

### Running Time

8 hours with normal backlight on.  
14 hours with backlight off.

### Environmental

Rated to IP64, the case is constructed of a tough polycarbonate/abs alloy.

### Battery Charger/Eliminator

90 to 264 VAC, 47 to 440Hz

## "the big-screen unit you can put in your pocket"

*Reliable inspections depend on the operator and the operator depends on the equipment. Locator 2 is designed with the operator in mind to maximise performance. Its lightness, unique keypad controls, ease of programming and particularly its big screen mean lots of inspections with little fatigue. No more staring at small, dim, blurred images or dragging large lumps of electronics around. Supremely portable and designed for harsh environments, Locator 2 will tackle a huge range of inspection tasks. Thanks to the latest in battery technology, Locator 2 keeps running for up to 14 hours from a single charge. A direct successor to the highly popular Locator UH and UH-B, Locator 2 embodies the latest technology to give years of reliable operation.*



### Small, Rugged and Light, but Tough

Weighing less than 1kg including batteries and the size of a hardback book Locator 2 is ideal for work in confined spaces. It will fit in your hand luggage, even your pocket. But that doesn't mean it's flimsy. Rated to IP64, the tough case is resistant to day-to-day handling and the shocks that come with it. It resists most fluids and the internals have been designed to resist moist tropical or salt-laden atmospheres. Take it anywhere - harsh environments are no problem.

### Versatile High Performer

Reduced size doesn't mean reduced performance. Locator 2's frequency range of 100Hz to 6MHz covers all normal inspections in most materials. Locator 2 will be compatible with most of the probes you already own so you can make the best use of your inventory. It's powerful, but if you don't need all its power, you can select any controls to be accessible or inhibited.

### Fast to learn, fast to use

Locator 2 controls are highly intuitive so you can become a confident user after only a few hours. Operating parameters can be rapidly selected and adjusted using the unique keyboard arrangement. Setups can be stored and recalled at any time. Large tactile buttons in easy reach of either hand give good feedback even wearing gloves. The huge range of options means that you can tailor the operation to your inspection task. The fast response, high resolution display gives you the clearest possible picture of your inspection.

### Advanced Alarms Keep You Informed

Locator 2 is equipped with a vigilant alarm system, flaws are not overlooked. Alarms cover the full screen and can be configured to meet your precise requirements. Choose audio and/or visual settings. The LED display also shows when the spot is in the active alarm area.

### High Powered

Locator 2 uses lithium-ion batteries which do not suffer from 'memory effects' and can be charged from any state without any degradation in performance. Locator 2 can operate for over 8 hours non-stop before recharging, even with the backlight on and it still weighs less than 1 kg. Fewer charge cycles mean longer battery life, keeping costs down. Alternatively, use standard AA cells or AC power via the charger/battery eliminator.

### Instant Recall Easy Reporting

The on-screen menu layers allow all functions and parameters to be set, stored in the memory and recalled as needed. You can store 50 settings and up to 50 traces for recall later. Locator 2 can be connected to an external PC for control of setting up, data transfer and printing.

**For more information visit [www.hocking.com](http://www.hocking.com)**

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