

Portable Digital Industrial Stroboscope

HHT41B
Starts at
£362



- ✓ Removable, Rechargeable Battery Pack 100 to 230 Vac
- ✓ One-Handed Operation
- ✓ Lightweight, Pocket Size
- ✓ Flash Rates to 12,500 FPM
- ✓ Tachometer Mode
- ✓ Remote Triggering/Pulse Output
- ✓ Bright Xenon Lamp
- ✓ Traceable Certificate of Calibration

OMEGA's HHT41B set the industrial standard for high-intensity, multifunction, ultra-compact, xenon stroboscopes. It features a removable, rechargeable battery pack. Stop-action and slow-motion inspections are made easy with the one-touch, joystick-type tuning button. Additional features include rapid x2 and ÷2 of current flash rate, tachometer mode with external trigger, and memory recall functions. The HHT41B can even be operated "hands-free" with our standard tripod mounting bushing.



High Performance!



Removable, rechargeable battery pack, includes 1 rechargeable battery. Order a spare: HHT41B-BATT.

Crystal-clear digital display with backlight.



Joystick-type button allows single-hand operation.

LED indicates when battery is low or fully charged.

OMEGA's innovative battery pack can be recharged while attached to the strobe.



Optional HHT41B-URC universal recharger (100-230 Vac), with U.S., U.K., Australian, and European adaptor plugs.





HHT41B, shown with optional HHT41B-BATT spare battery. HHT41B is available in a variety of configurations—build exactly the instrument you require using the model numbers below.

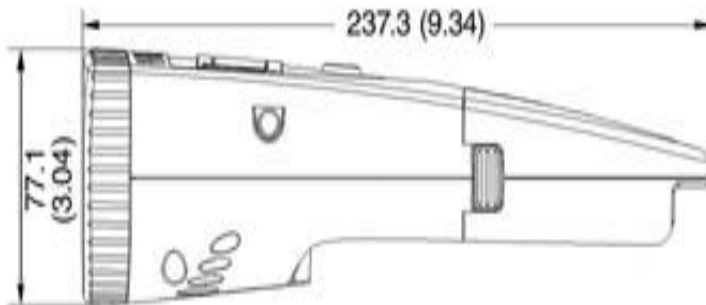
Specifications

Display: 6-digit alphanumeric backlit LCD, 7.6 mm (0.3") digits
Light Power: 150 mJ/flash, 1100 LUX as bright as 10 W units
Flash Duration: 10 to 30 μ s typical
Battery: Rechargeable battery pack (included) Nickel-Metal Hydride
Recharge Cycle: Fully recharges in 4 to 5 hours

Run Time: 100 minutes typical at 1800 fpm with fully charged batteries
Adjustment: 4-quadrant, pressure-sensitive joystick button adjusts flash rate, x2 and \div 2
Power: Removable 6V rechargeable battery pack with integral charge control electronics, included with all units
Weight: 0.63 kg (1.4 lb), including battery
Internal Mode
Flash Range: 100 to 12,500 fpm
Resolution: 0.1 FPM
Accuracy: \pm 0.5 FPM or \pm 0.01% of reading
Update Rate: Instantaneous

External Mode

Range and Display: 5 to 12,500 fpm
Update Rate: 1 second typical
fpm Accuracy: \pm 0.1 fpm or \pm 0.01 of reading
Trigger-to-Flash Delay: < 5 μ s
External Input: 0 to 5V, 5 TTL compatible (+12 Vp max), 20 μ s min pulse width; positive edge triggered
Tachometer Mode
Range: 5 to 250,000 rpm
Accuracy: \pm 0.01% or 0.1 rpm
Update Rate: 1 second typical
External Input: 0 to 5V TTL compatible (+12 Vp max) 20 μ s min pulse width; positive edge triggered



Dimensions: mm (in) HHT41B

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)		
Model No.	Price	Description
HHT41B	£540	Portable strobe, 100/230V charger, 1 rechargeable battery pack
HHT41B-KIT	432	Portable strobe, 100/230V charger, rechargeable battery pack, 2 spare lamps, carrying case
HHT41B-DKIT	515	Portable strobe, 100/230V charger, 2 rechargeable battery packs, holster, 2 spare lamps, latching carrying case

Accessories

Model No.	Price	Description
HHT41B-BATT	£69	Extra rechargeable NiMH battery pack
HHT41-HOLSTER	18	Holster with battery pack pouch
HHT41B-URC	20	Universal charger 100 to 240 Vac, 50 to 60 Hz, USA, UK, Aus and Euro adaptor plugs
HHT41-LAMP	44	2 xenon replacement lamps
HHT41-CC	28	Latching carrying case
HHT41-POC	23.50	Pulse output cable, 1.8 m to 3 mm mono plug to BNC connector (CA-4044-6- 1/8" to BNC)
HHT41-PIC	24	Pulse input cable, 1.8 m to 3 mm (6' to 1/8") stereo plug to BNC connector



Ordering Example: HHT41B-KIT, stroboscope with universal charger, 1 rechargeable battery pack, 2 spare lamps, calibration certificate and carrying case, £432. OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years (£108), £432 + 108 = £540.

OMEGACARESM extended warranty programme is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labour and equivalent loaners.



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• Flow and Level

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• Heaters

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