



NITECORE®

MH12SE

MULTITASK HYBRID SERIES

Superior Performance
21700 Dual Fuel Elite Flashlight



1800 Lumens



405 Meters



21700 Li-ion
Battery



USB-C
Rechargeable

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1st Generation
MH12



2nd Generation
MH12GT



3rd Generation
MH12GTS



4th Generation
MH12 V2



5th Generation
MH12S

Trend-leading 6th Generation Compact Flashlight

It is the stepping stone for the development of future
compact flashlights due to its upgraded performance.

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405

Meters Longer Grand Throw

Utilizing an optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT), it has a max peak beam intensity of 41,000cd and a max throw which is **38%** longer than that of the last generation.

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405 Meters

MH12S



294 Meters

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Lumens Invincible Performance

Equipped with the brand new **Luminus SFT-40-W LED**, it is able to emit a max output of 1,800 lumens, ideal for emergency, self defense, outdoor activities, maintenance checks, patrols, law enforcement and more.

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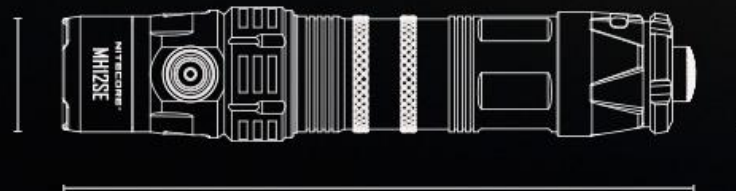


Ultra Compact and Lightweight

The anti-slip knurling on the tube guarantees a firm grip even with one hand.

Weight: 80g (2.82oz)

Head Diameter / Tube Diameter:
25.4mm (1")



Tail Diameter: 27.2mm (1.07")

Length: 141mm (5.55")

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NITECORE 21700 Li-ion Battery Included (NL2150 5,000mAh)

Recommended to be powered by 1 × 21700 battery while
compatible with 1 × 18650 battery or 2 × CR123 / RCR123
batteries.



* 18650 / CR123 Battery Magazine Included
For 18650 / CR123 / RCR123 Batteries



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≡ USB-C Rechargeable

The charging port cover can provide excellent water, dust and impact resistance.

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Ultra Long Runtime 3h 50min to Fully Charge

Runtime up to **1,500h**

Consistent usage of **60** days on ULTRALOW

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Compatible With Pocket Clip

- Clipped in the pocket, the backpack or the MOLLE System
- Available for attaching the lanyard



Compatible With NTR10 Tactical Ring Pro

- Keeps a two-handed grip of the firearm while carrying or operating a flashlight
- Easy for continuous and stable shooting and reloading

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1800 Lumens

405 Meters

21700 Li-Ion Battery

USB-C Rechargeable

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NTH10 Tactical Holster Included

Specially designed for law enforcement, the NTH10 is a compact and flexible tool to enable a quick draw of the flashlight.

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21700 Li-Ion Battery

USB-C Rechargeable

NITECORE®

Tactical Tail Switch

Always ready for tactical momentary-on or constant-on illumination.



Metal Mode Button

Provides better feedback for the user.



User-Friendly Dual-button Operation

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Daily Mode



Two User Modes Available

Tactical Mode



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Randomly Changing STROBE Mode

When the light is on, long press the Mode Button to access the STROBE Mode of randomly changing frequencies, which can enable strong dizzying effects due to the inadaptability of the naked eyes.

*Frequency Range: 16Hz-20Hz

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Memory Function

When reactivated, the flashlight will automatically access the previous memorized brightness level or STROBE mode (SOS and BEACON excluded).

Note: The Memory Function is only available in Daily Mode. It will only memorize the TURBO Level or STROBE Mode in Tactical Mode.

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ATR

(Advanced Temperature Regulation)

(Patent No. ZL201510534543.6)

The integrated ATR technology regulates the output of the MH12SE according to the working condition and ambient environment to maintain the optimal performance.



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Power Indication

The power indicator beneath the Mode Button will flash to show the battery voltage ($\pm 0.1V$).

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Highly Efficient Constant Current Circuit (Non-PWM)

The constant brightness beam without flashing guarantees the comfortable visual experience.

Non-PWM



PWM



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IP68

Rated
All Weather Applicable

2m Submersible and Waterproof

1m Impact Resistant



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Technical Data

| FL1 STANDARD | TURBO | HIGH | MID | LOW | ULTRALOW | STROBE | BEACON | SOS |
|---|---------------------------------------|--------------|------------|-----------|----------|--------------|--------------|--------------|
|  | 1,800 Lumens | 1,050 Lumens | 260 Lumens | 45 Lumens | 1 Lumen | 1,800 Lumens | 1,800 Lumens | 1,800 Lumens |
|  | *45min | 3h 15min | 8h 45min | 47h | 1,500h | — | — | — |
|  | 405m | 300m | 165m | 67m | 7m | — | — | — |
|  | 41,000cd | 23,500cd | 6,800cd | 1,140cd | 11cd | — | — | — |
|  | 1m (Impact Resistance) | | | | | | | |
|  | IP68, 2m (Waterproof and Submersible) | | | | | | | |

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using 1 x 21700 Li-ion battery (5,000mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

* The runtime of TURBO is tested without the temperature regulation.

* TURBO Availability: The TURBO Level is only accessible when using a 21700/18650 rechargeable Li-ion battery with a discharge current over 8A. It is inaccessible when using CR123/RCR123 batteries.

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Features

- Utilizes a Luminus SFT-40-W LED with a max output of 1,800 lumens
- Max peak beam intensity of 41,000cd and max throw of 405 meters
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Powered by a 21700 high capacity Li-ion battery while compatible with 18650 and CR123 batteries, to provide a runtime up to 1,500 hours
- Tactical Mode and Daily Mode available
- The tactical tail switch and the mode button control 5 brightness levels and 3 special modes
- STROBE Mode uses randomly changing frequencies for stronger dizzying effects
- A power indicator beneath the mode button indicates the remaining battery power
- The power indicator can display the battery voltage ($\pm 0.1V$)
- Intelligent Li-ion battery charging circuit with a USB-C port
- NITECORE 21700 Li-ion battery included (NL2150 5,000mAh)
- Highly efficient constant current circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Electronic reverse polarity protection
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 1 meter



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