

What is laser toner weighing machine? Are there any types?

Learn more about laser balancing machines, applications and how to choose to buy this device effectively!

In this article, TipsMake.com will share with you what you need to know about laser toner and some good experiences to choose to buy a good product as well as use this device effectively!

Laser toner weighing machine is also known by many other names such as laser beam firing machine, laser weighing machine, laser shot machine . is a measuring instrument widely used in construction and construction fields. , interior and outdoor design. Find out more about this device and the most popular ink weight models today!

Quick review of content

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Laser toner weighing machine is an indispensable device in construction, interior design and construction

industry.

What is laser toner weighing machine?

The ink balancer is a device that uses laser beams to be vertically and horizontally perpendicular to determine the equilibrium points, aligning lines, perpendicular lines . to support the tasks in construction, construction, interior design quickly, accurately, most effectively.

The structure of the laser core firing machine consists of the main parts:

1. Laser generator: Perform the function of emitting laser beams to measure according to user requirements.
2. Control unit: Includes function buttons to start, shutdown, adjust operation mode, adjust laser beam .
3. Parts of machine base: Usually consists of 3 legs made of monolithic metal, the main role is to help the machine stand firm.
4. Machine box parts: Usually made from hard plastic to protect the inside parts.

The mechanism of laser beam firing is based on horizontal, perpendicular, and laser projections to determine the balance point, straight line, perpendicular line .



The laser balancer has a compact design, easy to use and move.

What kind of laser shooters are there?

People often classify laser shot machines based on the color and number of lasers projected. Usually, laser scanners are now mainly emitting red or green lasers with a common number of rays of 2, 3, 4, 5, 8, 12 rays.



Red laser generator is suitable for indoor construction.

What are the characteristics of a laser balancer?

Laser toner weighing machine has many different measurement functions, basically can be mentioned as:

1. Identify points;
2. Perpendicular Ke;
3. Spotlighting;
4. Horizontal and vertical scales;
5. Rotate the laser beam in different directions such as the inclined plane, vertically, rotate around the machine axis .

Compared with traditional measuring devices such as built-in plows, laser shot machines have outstanding advantages in measuring accuracy, balance and give warnings to users to adjust the machine in time, reduce the error when measuring to the lowest level. In addition, it is easy to use with the system of intuitive control buttons, flexible measurement in many locations, has many features of water, dust, shock protection . safe.



Laser ink weighing machine effectively supports construction and interior installation.

Therefore, the machine can be widely applied in many different jobs in the fields of construction, interior design, management and quality control of works such as:

1. Building columns, building walls when building houses;
2. Installing door frames, glass door partitions;
3. Close gypsum ceiling;
4. Clad bricks, wood paneling for floors, walls, ceilings;
5. Installing electricity and water systems such as wiring, installing switches, sockets, electrical equipment, water pipes, faucets .;
6. Install interior equipment such as cabinets, shelves, lights, pictures, curtains .
7. Survey, measurement, construction supervision in construction .

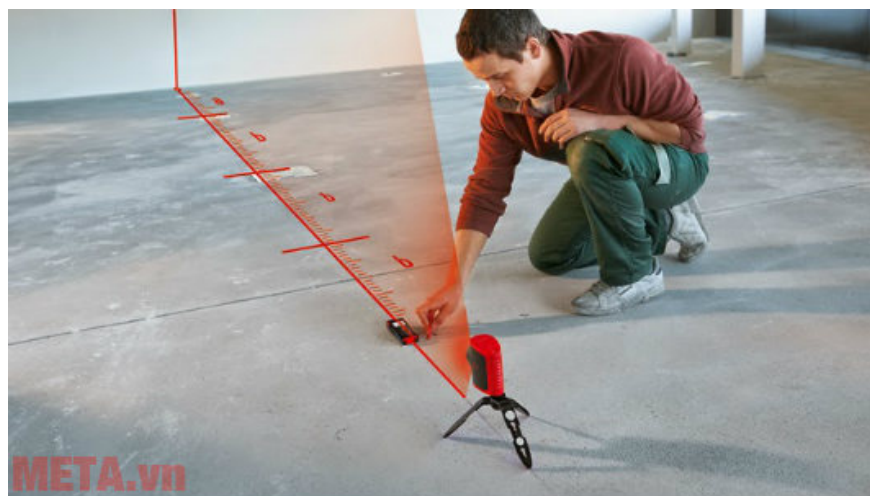


High-definition blue laser beam firing machine, accurately measured in harsh sun conditions.

What kind of laser toner weigher?

In order to buy a good laser toner weighing machine, you will need to carefully consider your needs and budget to choose the product with the most appropriate specifications and specifications. For example, if you measure it indoors, you only need a red laser laser, and if you use it outdoors, you'll need a blue-ray laser weighing machine; The more complex the work is and the higher the accuracy required, the more rays the machine needs to emit . Also, you should pay attention to buying a machine from reputable brands like Bosch, Leica, Sola, Makita , Oshima . to ensure the machine is of good quality, accurate measurement, low error, and has the longest life expectancy.

Detailed reference : Experience of choosing to buy and quote the most accurate and cheapest laser balancing machine available today



Laser toner weighing machine measures quickly and accurately.

Here are some of the most popular types of laser hydroelectric machines in use today for your reference and additional suggestions when you need to buy this device :

INGCO HLL156501 laser toner weighing machine



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Specifications :

1. Working range: 15m
2. Measuring plane accuracy: $\pm 1.5\text{mm} / 5\text{m}$
3. Straight line accuracy: $\pm 1.5\text{mm} / 5\text{m}$
4. Measurement time: Less than 4 seconds
5. Measuring angle: No more than 4 degrees

Reference price : 1.3 million

Warranty : 6 months

See the best price

Oshima CM5D laser toner weighing machine



Specifications :

1. Working scope: 20m
2. Accuracy: ± 0.2 mm / m
3. Self-balancing tilt: ± 3 degrees
4. Horizontal measurement angle: 120 degrees
5. Vertical measurement angle: 150 degrees

Reference price : VND 1.5 million

Warranty : 6 months

See the best price

Classic CLA-5GR laser toner weighing machine



Specifications :

1. Working range: 15m
2. Horizontal / vertical measurement accuracy: $\pm 1\text{mm} / 7\text{m}$
3. Self-balancing tilt: ± 3 degrees
4. Positioning accuracy: $\pm 1\text{mm} / 1.5\text{m}$
5. Zoom angle: ≈ 120 degrees

Reference price : 1.8 million

Warranty : 4 months

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Bosch GLL 5-50X laser toner weighing machine



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Specifications :

1. Working range: 15m
2. Error: ± 0.2 mm / m
3. Self-balancing range: ± 3 degrees
4. Measurement time: No more than 4 seconds

Reference price : VND 4 million

Warranty : 6 months

See the best price

Laser weighing machine Leica LINO L2



Specifications :

1. Working range: 40m
2. High accuracy: $\pm 1\text{mm} / 5\text{m}$
3. Automatic balance: 4 degrees ± 0.5 degrees
4. Horizontal beam accuracy: $\pm 1.5\text{mm} / 5\text{m}$
5. Vertical beam accuracy: $\pm 0.75\text{mm} / 3\text{m}$

Reference price : VND 6.5 million

Warranty : 24 months

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How to use a laser hydrometer?

In the process of using the laser toner weicher, in addition to complying with the manufacturer's instructions for setting up, measuring with the highest accuracy, you need to store the observation to ensure that the laser beams are bright and non-skewed. together; The machine is placed in easy-to-measure positions; The machine is regularly cleaned and stored in a cool, dry place, protected from sunlight after use.

Hopefully, the above information has helped you to better understand the laser weighing machine and have useful suggestions to choose a suitable device as well as know how to use and preserve the machine properly and effectively, the most durable!

More reference :

1. Why should we use an electronic hydrometer to measure tilt?
2. Is measuring the distance with an electronic ruler accurate?
3. Top 5 cheap mini family electronic welding machines in good quality

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