VISIOBATTERY

Machine vision inspection system for electric batteries.

- ✔ Automated online inspection on conveyor.
- ✔ Robust design, compact and sturdy.
- ✔ Windows 10 based computer system and interface.
- ✔ Intuitive parameter regulation.
- ✔ Quick and easy format changes.
- ✔ Parameters and tolerances setting for each format.
- ✔ Remote control via internet and remote diagnosis.
- ✔ Production statistics
- ✔ Rejection signal management. E2M offers a wide range of defective battery rejection systems.
- ✔ It does not require maintenance.
- ✔ Long life system and fast amortization.

DESCRIPTION

Machine vision inspection system for electric BATTERIES. The VisioBattery is the ideal inspection system for automated battery control at the end of the production line.

It allows verifying the relevant information for any battery manufacturer:

- Label control on the top and sides.
- Load viewer
- Covers terminals
- Filling caps
- Handles

VISIOBATTERY

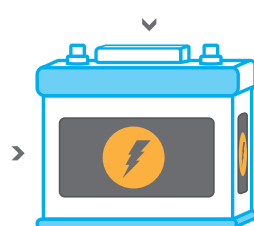Machine vision inspection system for electric batteries.

VELOCITY
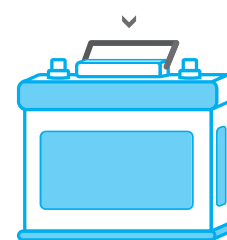18.000 CNT/H

GAP
100 [mm]

INSPECTIONS

- **Marking of the lid.** Presence and verification of the marking on the top cover. It is recommended to use laser marking instead of mechanical.

- **Load status viewer.** Presence of the display of the state of charge and analysis of the color control.

- **Filling caps.** Presence and correct position of filling caps.

- **2D code.** Barcode and / or data matrix is verified. Correct positioning, readability and integrity of the code. Optional: verification of the absence of duplication of the 2D code for all production for a period of 1 year in Database.

- **Terminals.** Quality control of the terminals, damage detection, sparks, chipping and deformations. Degree of brightness of the terminal (aesthetic). Terminal marking. Presence and verification of the upper marking of the terminal.
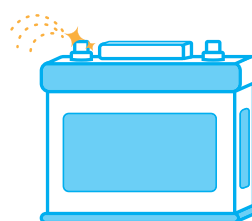
Labels.
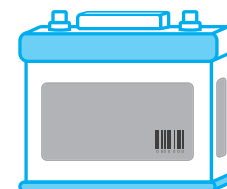Presence, identification and positioning of the labels on all 3 sides.

Handles.
Presence and correct insertion of the two ends of each handle.

Terminal quality control, damage detection, sparks...

Barcode and / or data matrix verification.
Correct positioning...

FEATURES

- Two 1.3 Mp CMOS B&W cameras.

- One 2 Mp color camera.

- Dome for homogeneous illumination of the 3 sides to inspect.

- Lighting system with adjustable high efficiency LEDs.

- USB, Ethernet.

- Intel latest generation processor.

- Windows 10 based computer system and interface.

- 17" TFT touch screen for operator communication.

- Battery position control by sensor and encoder.

- High yield production.

E2M

Estudis Electro-Mecànics, S.L.
Pau Vila i Dinarés, 4-10
08192 Sant Quirze del Vallès, Barcelona, Spain
T. +34 93 720 85 40   F. +34 93 720 85 25

www.e2m.es

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Technical specifications updated on the website.