



Flashmeter Controller (semi-automatic)

PMS-CMR-2000

Compact structure, high positioning accuracy and speed

PRODUCT ADVANTAGES

- ◆ PMS-CMR-2000 is a 3-axis encoder counter based on advanced MCU counting with various additional functions, and is a dedicated controller for manual image measuring machines, manual CMMs, etc. in the Bumis product line.Controller;
- ◆ PMS-CMR-2000 integrates scale/encoder counting/measuring head/probe latching/lamp control/I/O control/framing lens, etc. It communicates with PC via a USB cable and supports 32 and 64 bit operating systems. 64-bit operating system. For manual image measuring instrument electronic control system provides a One Box solution, significantly improving the manual image measuring instrument electronic control system complicated, high cost, low performance, failure rate and other issues.

PRODUCT FEATURES

- ◆ 3-axis scale counting, can be connected to any brand of single-ended (TTL) or differential (RS422) square wave signal output scale;Programmable 6045 light source control (40 zones); High-speed programmable 6045 light source control (40 zones).
- ① High-speed programmable base light source can be connected to the base light source with 3V-5V (single LED) or 6-24V(multiple LEDs);
- ② The programmable coaxial light/laser indicator can be connected to various coaxial light sources with 3V-5V working voltage;
- ③ Software-adjustable brightness range of 0-199 for all kinds of light sources;
- ◆ Contact probe/probe interface, triggering hardware synchronous locking of 3-axis scale data;
- ◆ Fixed lens interface, the software directly identifies and reads the current magnification of the lens;
- ◆ I/O interface, input detection function, output drive function, all have optocoupler isolation protection function;
- ◆ The use of optoelectronic isolation USB (to RS232) data communication, anti-interference ability, long communication distance, stable and reliable;
- ◆ API is designed for the practical application of image measuring instrument and CMM, only a few APIs are needed to complete all the functional operations.

