

ABSTRACT

HEIGHT DETECTION LASER DEVICE FOR SAFETY HARNESS AND DETECTION METHOD THEREOF

A height detection laser device for a safety harness and a detection method thereof, comprising a laser host, a main laser device and at least one auxiliary laser device, the main laser device comprises a plurality of first laser detectors; the auxiliary laser device comprises a plurality of second laser detectors; the main laser device and the auxiliary laser device are respectively provided with a plurality of placement planes and placement slots, each placement slot is located within each placement plane, and the orientations of the placement planes are different. The main laser device sends the back working height of the operators. The obtained operation height data are filtered and calculated to finally obtain the actual operation height of the operators; the operation height data is transmitted to a server through the laser host for monitoring.

FIG. 1