



Technical Specifications:-

- High speed measurement: Should have aim , focus , and press a key height and distance are simultaneously measured in 2.5 seconds , 20 percent faster than ordinary digital levels. Wave and read technology: The instrument should be innovative Wave-and-Read technology provides an additional survey style option. Digital level machine should be tracks the bar code staff waved back and forth to read the correct height. , Should be easy to use and user friendly. Instrument quality should be international standard. , Should be rugged use and Bangladesh environment condition. Internal memory: should be capable 2 , 000 measurement data of elevation or height difference should be recorded in the internal memory. Should have height difference , cut and fill setting out , height measurement application. Main technical parameter Height accuracy by electronic measurement: Min. 0.6mm or less , Height accuracy by visual with standard staff: 2mm or less , Distance accuracy electronic : < $\pm 10\text{mm}$ ($\pm 0.4\text{in.}$) [$D < = 10\text{m}$ ($D 33\text{ft.}$)], Measuring range electronic: Min. 100m or more , Measuring range visual: 1.5m better. , Measuring mode: Single / Repeat / Average / Tracking / Wave-and-Read or more , Display resolution height: 0.0001/0.001/0.01m or better , Display resolution distance: 0.01/0.1m or better , Measuring time single and repeat: 2.5s or less , Measuring time average: 2.5s or less , Measuring time tracking: 1s or less , Telescope specification , Objective aperture: Min. 36mm or more , Magnification: Min. 28x or better , Resolving power: 3 or better , Minimum focus: 1.5m or better , Field of view: $1^{\circ}20'$ or more , Compensator type: Pendulum compensator with magnetic damping system. , Compensator range: $\pm 15'$ or more , Sensitivity of circular level: 10

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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/2mm or better , Horizontal circle graduation: 1° or better , Display: Dot matrix LCD (Min. 128 x 32 dot) with illuminator , Keyboard: Min. 8 keys , Data storage: Min. 2 , 000 points internal memory. , Water protection: IPX4 (Standard: IEC60529:2001 or better) , Operating temperature: Min. -20 to +50°C (-4 to 122°F) , Battery life: Min. 16 hrs or more. , Onboard programs: Elevation / Height difference / Cut & Fill setting-out /Setting-out distance / Height measurement. , , Bill of Quantity(BOQ) , Aluminum BAR Code staff- 01 no. , Aluminum Tripod-01 no.

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