SPESIFIKASI

LEICA Distance Laser Meter D810 Packages

Nama barang a)	LEICA Distance Laser Meter D810 Packages	
Merk	LEICA	
Type/ model	D810 Touch Pro	
Persyaratan tambahan	**Sudah Terkalibrasi**	
Jumlah	1 Unit	
Franco	- Cabang Medan	

Coating Thickness Gauge Mitech MCT200

Nama barang a)	Coating Thickness Gauge Mitech MCT200	
Merk	Mitech	
Type/ model	MCT200	
Persyaratan tambahan	**Sudah Terkalibrasi**	
Jumlah	1 Unit	
Franco	- Cabang Medan	

Vibration Meter Lutron BVB- 8207SD

Nama barang a)	Vibration Meter Lutron BVB- 8207SD	
Merk	Lutron	
Type/ model	BVB-8207SD	
Persyaratan tambahan	**Sudah Terkalibrasi**	
Jumlah	1 Unit	
Franco	- Cabang Medan	

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Note:

Mohon dapat menyampaikan :

- Surat Penawaran dengan harga yang sudah **Net**
- Harga sudah meliputi biaya pengiriman dengan franco **Medan (Alamat PT SUCOFINDO Cabang Medan)**, Biaya Instalasi, Biaya Pelatihan dan Uji coba.
- Lampiran surat penawaran berupa spesifikasi detail.
- Penyedia Eksternal yang mengikuti pengadaan ini harus melampirkan sertifikat TKDN / surat pernyataan penggunaan komponen dalam negeri (TKDN)
- Pakta Integritas (dapat di down load pada link (https://eproc.sucofindo.co.id/index.php/paktaintegritas)

Note: untuk menghindari kesalahan pada submit harga, kepada Bapak / Ibu agar dapat mendownload user manualnya pada link https://eproc.sucofindo.co.id/index.php/usermanual) – Dokumen – User Manual

Leica Geosystems

D810 Touch Technical Data – US Standard

Range	2" up to 820'
Accuracy	± 0.04"
Smallest unit displayed	0.004"
Measuring units	m, ft, in
X-Range Power Technology	Yes
Laser class	2
Laser type	635nm, 1mW
IP Class	IP54
Display illumination	Yes, adjustable
Fold-out end-piece	Yes, automatic: measuring from edges, corners and reveals is no longer an obstacle. Accurate measurements of room diagonals are now possible
Angle measurements using tilt sensor	360º
Tilt sensor	Yes
Tilt sensor accuracy to the laser beam	-0.1°/± 0.2°
Tilt sensor accuracy to the housing	± 0.1°
Units in the tilt sensor	0.0°, 0.00 %, mm/m, in/ft
Pointfinder with zoom	4 x
Additional overview camera	Yes, can be used to create pictures or screen shots to be downloaded via USB interface
Picture file format	.jpg

Leica Geosystems
Technical Data Continued

Memory for pictures	80
Memory for last measurements	30
Free software for Windows	Yes
Free App for iOS and Android	Yes
General data interface	Bluetooth® Smart
Measurements per set of batteries	Up to 4,000*
Service life of batteries	Up to 8 h*
Tripod thread	1/4"
Batteries	Li-ion, 2.6 Ah, rechargeable
Battery life	Up to 4,000 measurements / 8h
Charging time	4 h
Dimensions	6.5 × 2.4 × 1.2"
Weight with batteries	8.4 oz
Features	
Digital Pointfinder (4x zoom)	Zoom in your target and measure long distances even in bright sunny conditions
Bluetooth Keyboard Mode	You do not need additional software to transfer measurements directly into excel or word documents. Transfer your data direct to a PC. Use your DISTO for navigation or many other options in 3rd party software

Leica Geosystems
Technical Data Continued

Color 3.2" graphic display	A clear picture and exact view of the measuring target even on long distances
Touch screen	Large touch screen for quick, intuitive operation
USB interface	Easy jpg data transfer of measurements to your PC
Profile measurements	Make simple leveling on construction sites where you need to know the height differences of certain points
Inclination sensor	Measuring angles up to 360º, get the direct horizontal distance at the press of a button
Functions	
Pointfinder camera measuring	Used to create a reference point for exterior, bright sunlight & long-distance measurements when the laser point is not visible
Measure in picture 1	Measure distance, area and diameter
Measure in picture 2	Measure width or area of an object with a single photo
Measure in picture 3	Measure diameter: take a picture and get the exact values of cylindrical objects
Photo gallery documentation	Which can be downloaded to a computer via USB interface. No detail about the measured target points need to be lost
Indirect smart horizontal distance	-Ability to measure height with angle and slope distance when base is not reachable

Leica Geosystems
Technical Data Continued

Height tracking	Heights of buildings or other targets without suitable reflective points can be determined, At the bottom point, distance and tilt are measured to reflective targets. The upper point can be targeted with the digital pointfinder and does not need a reflective target as only the inclination (tilt angle) is needed
Long range mode	
Distance (key or touch)	
Min/Max tracking	The flip-out end piece offers a stable positioning for measurements from edges, reveals and corners. Accurate measurement of room diagonals is now possible with the Min/Max function
Permanent measurement	Tracking mode for continuous measurement
Addition / subtraction	Distances, areas or volumes can be added or subtracted easily
Area included room data (painter's function)	Determine area of room for estimating
Volume included room data (HVAC function)	Determines volume of room for estimating
Calculator	
Height profile measuring	Ability to track height constantly
Tilt measurement + Compass	Vertical: Measures the incline angle within 360º. Used in Pythagoras calculations with the ability to measure distance between points. 2 point uses one triangle and 3 point uses 2 triangles to get the direct horizontal distance with the press of a button

Leica Geosystems
Technical Data Continued

Pythagorean 1 & 2 & 3	Allows distances to be determined when direct measurement is impossible. The distance is automatically calculated from 2 to related measurements
Trapezoid 1 & 2	Measure the slope distance of a roof without the use of ladders
Sloped objects	Measure the slope of a roof without the use of ladders. Ability to measure distance between points using Pythagoras calculation, 2 point uses one triangle and 3 point uses 2 triangles
Save and adjust constants	
Stake out	To stake out equal distances enter the distance once and measure over-and-over again. The display guides you from post to post by showing the multiple of the stake out distance and the distance to the next post
Memory	Last 30 displays
Reference switching	Ability to reference from the front or back of the device
Timer	The Timer automatically counts down to zero and then takes the measurement – eliminating hand movement when taking measurements. 30, 5 & 2 second delay options are available
Automatic end-piece	The flip-out end piece offers a stable positioning for measurements from edges, reveals and corners. Accurate measurement of room diagonals is now possible with the Min/Max function
Bluetooth + DISTO Plan + USB	

Leica Geosystems
Technical Data Continued

Functions with DISTO Plan	
Sketch on Photo	Capture complex shapes (rooms, facades) and export those to CAD
Sketch Plan	Create a sketch on a smartphone or tablet and assign distance measurements taken with a DISTO to each line. The app's 'auto-scale' function adjusts the lines' length and the result is a scaled, CAD ready plan
Export jpg, pdf, dxf, dwg	
Organizer	Organize into 4 categories: All, Projects, Sketch on Photo & Plans and export in jpg, pdf and 2D & 3D dwg/dxf format

Applications	
Measuring of distances and documentation with DISTO Plan	Quick, easy & Accurate
Measure of areas	Quick, easy & Accurate
Measure of volumes	Quick, easy & Accurate
Measure from edges & corners for diagonals	the flip-out end piece offers a stable positioning for measurements from edges, reveals and corners. Accurate measurement of room diagonals is now possible with the Min/Max function
Exterior measure in picture	minimum device required
Stake out	to stake out equal distances enter the distance once and measure over-and-over again. The display guides you from post to post by showing the multiple of the stake out distance and the distance to the next post

Technical Data Continued

Scope of Delivery	
Disto D810 Touch	
Li-Ion battery with charger	
Hand loop	
Holster	
Disto transfer software	Not include but can be downloaded for free
Quickstart	
Manufactures Certificate of Accuracy	

*Reduced when used with Bluetooth®

Vibration meter LUTRON BVB-8207SD

LUTRON BVB-8207SD - 4-channel vibration meter with data storage on SD card

Measuring ranges:
Acceleration: 200 m / s^2
Speed: 200 mm / s
Dislocation: 2mm

Displays the instantaneous vibration value of all 4 channels at once.

Communication with PC via RS232 / USB, SD card not included - to be purchased separately (1 - 16GB). The device allows you to store about 30 million records with 2s intervals for about 22 months of continuous recording.
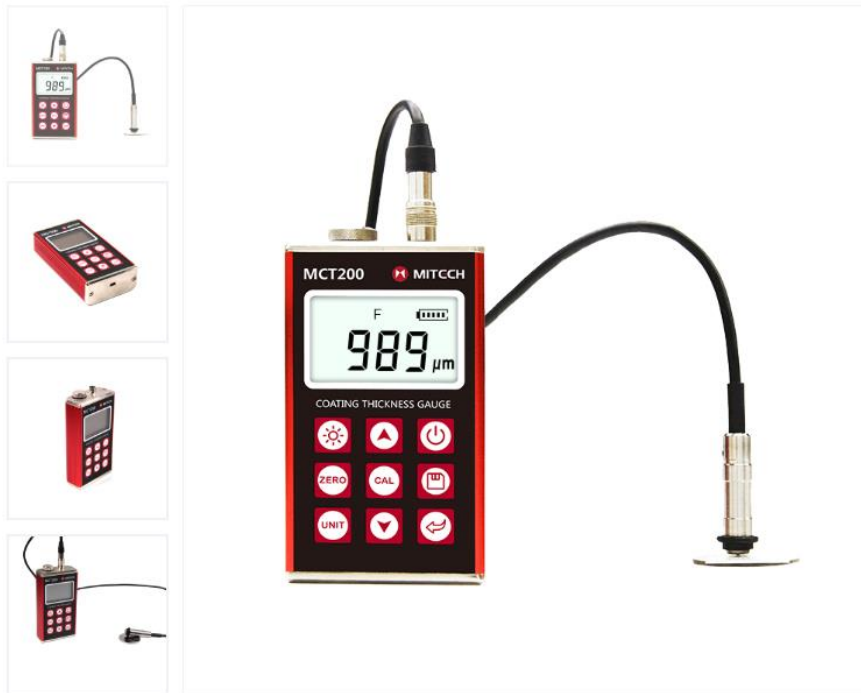
Package contents:
Vibration sensor VB-83
Magnetic base for the sensor
Plastic case

MCT200 Coating Thickness Gauge

Measuring range   (0～1250) μ m, depends on probes. maximum 10mm for the probe F10.

Resolution   0.1µm

Accuracy   ±(3%H+1) µm;

Display 4 digital LCD with EL backlight

Storage Memory for up to 20 files (up to 50 values for each file) of stored values.

Unit   Metric (μ m)、Imperial (mil)

Working voltage   Two "AA" size, 1.5 Volt alkaline batteries.

Working hous   200 hours typical operating time (EL backlight off).

Communication port   USB1.1

Dimensions   125mm×67mm×31 mm

Net weight   340g

Working temperature   -10℃～＋50℃

Relative humidity   ≤90％