Leica 3D Disto: Recreating the real world

Wednesday 3 October, 2012

(Milton Keynes/United Kingdom, 3 October 2012)
Leica 3D Disto: Recreating the real world

Leica Geosystems are proud to introduce the Leica 3D Disto. This simple to use measuring tool allows anyone who is not a trained surveyor to measure, capture and project accurate measurements in 2D and 3D. In addition, Leica Geosystems are pleased to also announce the launce of a new source of information about the product, http://www.3ddisto.com

Makes light work of complex tasks
Location, height, and distance can now be measured in XYZ from one location, in one measurement. It has never been easier to create as-built records of ceiling, floor, and roof surfaces; volumes; slopes; height differences; angles; and much more. The rugged, non-slip sensor can be placed on any stable surface or mounted on a tripod using the 5/8"-11 thread.

Robust and handheld
The Leica 3D Disto is controlled by a robust, hand-held unit or by remote control. Points are aimed at and measurements triggered on the clear, high-resolution screen and the 8x zoom is perfect for longer distances. The real-time display of measurements as drawings on the screen allows on-site completeness checks. At the press of a button data is recorded in standard tables, photos, DXF, and text files. It is so easy!

A whole host of functions and features
The room scan function allows the user to measure complex structures, measure complete rooms, walls, windows, structural connections or stairs all from only one station point, whilst the projector function gives users the ability to project ceiling grids or layouts for floors or walls onto any surface - point for point

The location function allows users to secure locations and then relocate to complete all measuring tasks and carry on with room to room measuring. The user can also come back at any time to complete the measuring task.

The tool kit allows the user to carry out a variety of measurements such as plumbing up and down, setting metre marks, measuring difficult heights, setting out parallel lines, referencing levels around a room and setting out measurement and fixing points.

CAD Tools simplify the post-processing work in the office CAD, because it is now possible to anticipate drawing completion in the field. It allows the user to capture inaccessible points by measuring surrounding points, speeding up the measurement process by reducing the need of taking manual notes or attempting to relocate for capturing a point directly.

The Surface Scan mode allows the user to capture three-dimensional structures or complex surfaces by defining a simple grid of points to be subsequently scanned. The DXF export automatically creates a new surface scan layer to display the surface results appropriately. Surface definition can be carried out by measuring the border, and is now possible on strictly horizontal or vertical planes using 2 points only.

Prevent wastage
The 3D Disto is perfect for anyone working with expensive materials where a mistake can cost a lot of money, such as granite, marble, wood, glass, metal and stone. The user really benefits with this complete measuring tool and allows export of the data into CAD for post processing to CNC machinery and fitting perfectly the measured and cut material into the application. No more mistakes and no more costly errors.

Leica 3D Disto summary:
- Measure and plan position, height and distance, in all three spatial axes
- Intuitive user guidance from Assistants
- Measure from one station – every visible point can be measured by targeting with the visible laser dot –

Media:







Related Sectors:

Construction & Property :: Manufacturing, Engineering & Energy ::

Related Keywords:

3d Disto :: Measuring :: Laser :: Joiner :: Distancemeter :: Building :: Construction :: Stonework ::

Scan Me:

without the need to walk to the target
- Measure to difficult-to-reach points, such as roof edges
- As-built records of ceiling, floor and roof surfaces, volumes, inclination, falls, height differences, angles
- Plumbing of points, parallel offsetting of axis, levelling, transferring levels from wall to wall. Forget spirit level and measuring tapes!
- Real-time display of measurements as drawings on the screen
- Positionally accurate representation of the measured points in the camera display
- Pocket calculator
- Recording information in the form of standard tables, photos, DXF files, text files at the press of a button
- Remote control measurements
- Data import and export on PC and USB stick

More information on the Leica 3D Disto can be found at http://www.3ddisto.com

Quality that pays dividends – 3 years warranty Leica DISTO™ represents the highest quality. That's why Leica Geosystems provide a three year guarantee for all Leica DISTO™ instruments, simply register on https://myworld.leica-geosystems.com within eight weeks from the date of purchase.

Finance
It is possible to spread your payments over a convenient financial package that suits your needs and requirements, making working life easier and more productive at an affordable rate.

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