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ProCollector L - 3D measurement & projection

HIGHLIGHTS

SMALL
COMPACT SIZE

FASTER
POSITIONING

HIGH
ACCURACY

EASY
TO USE

FAST DATA
COLLECTING
RATE

SAVE DATA
DIRECTLY TO
DXF FILE

1:1
PROJECTION
FROM THE
DRAWING TO
THE OBJECT



Option 1: ProCollector with Joystick and Laptop



Option 2: ProCollector with Tablet PC

The **ProCollector L** is an easy-to-use 3D laser system and it is ideal for professional use for staircases (wood and stone stairs), metal construction, boat building, carpentry and kitchen manufacturers. The ProCollector L enables you to get accurate measurements. Inaccurate measurements or transposed digits are barred with the ProCollector L and you don't need additional aids like templates or mylars. The ProCollector allows the user to quickly create effective and error-free drawings. The steps are simple and intuitive.

METHOD:

The ProCollector L provides the user fast, easy data collection without mistakes. Using the ProCollector eliminates the cost of purchasing, transporting, storing and shop-digitizing hard templating materials. The point collection process is easy and uncomplicated. Point the laser beam at the measurement target and click a button. The point is automatically collected and saved. Measuring only two points per surface are often enough. When necessary, the included 3-Point Laser will define a horizontal reference plane. The ProCollector system is controlled using the wireless Joystick. The preloaded SL-Laser TemplateCollector software shows you a graphical illustration of the measured points as they are generated. The finished drawing is saved as a DXF-file and ready to import into your CAD software. ProCollector can also project points from your existing CAD drawing onto a work piece or a building's walls or floors. The laptop can be provided by the customer and the capture software is installed on it.



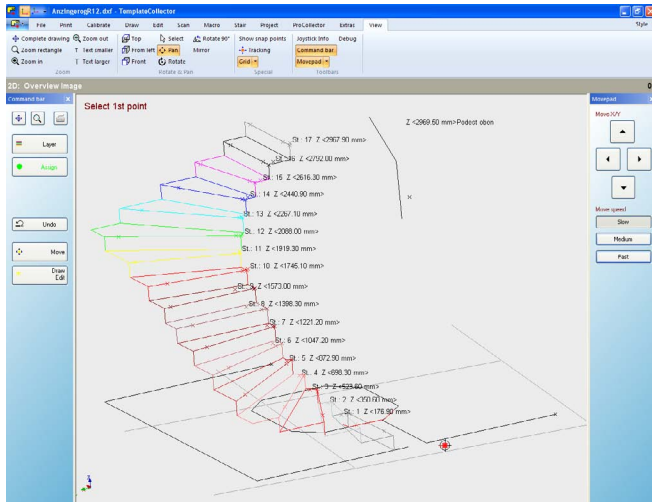
System resolution:	Angle: > 0.0002°, Distance: 1mm
Field of View:	Horizontal: 360°, Vertical: 200°
Laser:	output < 1 mW , Laserdiode 635 nm
Laserclass:	International: Class 2 IEC/EN 60825-1:2007, CE-certification, USA: Class II nach 21CFR 1040 (CDRH)
Power supply:	80-240 VAC 50/60 Hz
Dimensions:	length 240 mm, width 240 mm, height: 310 mm, weight 5,5 kg
Accessories:	Joystick or Tablet PC, TemplateCollector software, Case, Power Supply, Laser Glasses and Tripod



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The Software to ProCollector L

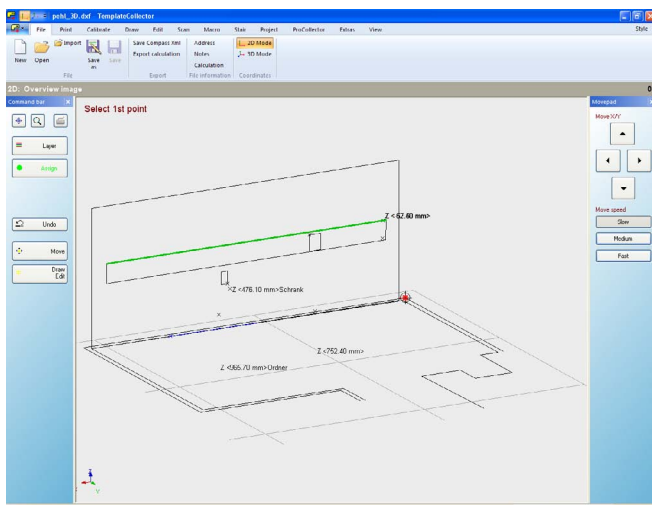


Stairs

The specially developed software for the ProCollector L „TemplateCollector“ is an integral part of the laser measurement system package.

With the **TemplateCollector software** you have a simple staircase software program that let you configure the staircase before starting measuring the stairs. The software has the ability to specify the number of the steps and height. You can deposit each step on an own layer the same is happened with the side walls.

The final staircase can be rotated, so that you get many views of the same staircase. In addition comments can also be stored as text. The drawing will be saved as DXF and can be opened in other CAD Systems. The same software can be used for interior work, drywall and other areas where measuring is important.

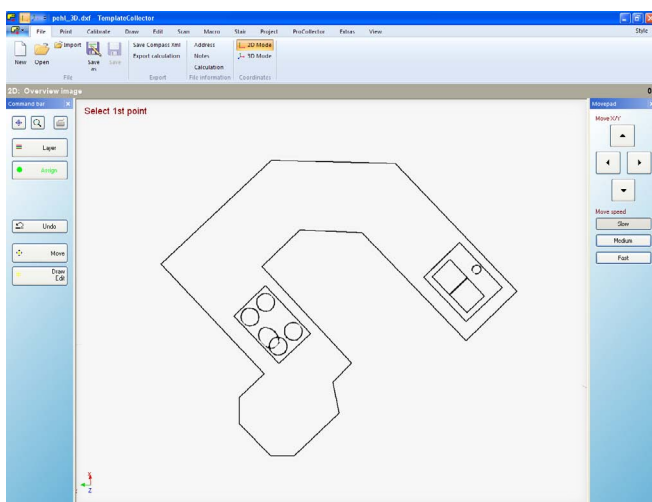


Interior fittings

The Software can also be used for:

- Interior fittings
- Kitchen
- Boatbuilding
- and many other applications

Another advantage of the **TemplateCollector software** is the projection of points that can be seen on the CAD drawing. You can project onto the floor the drawing 1:1 in your own facility for checking the measurement or on the building site. The projection can be performed on each surface.



Kitchen

