

Leica Geosystems Introduces New Generation of Manual Construction Total Stations



The next generation of Leica iCON manual total stations further propels the industry to move from traditional analogue layout methods to digitalized construction layout techniques. Now integrated with the well-established and construction-tailored field software Leica iCON build, the iCON iCB50 and iCB70 allow users to easily digitalize and embed BIM workflows in their construction processes. The iCB50 and iCB70 enable construction professionals to layout complex structures, increase accuracy and minimize delays. Featuring a new integrated 4G modem, the iCB70 enables the operator to transfer construction data between the office and the instrument on site.

“With the new generation of iCON manual total stations, Leica Geosystems facilitates the shift from analogue to digital workflows and helps construction companies to achieve the high productivity and accuracies demanded by the building construction industry,” said Georges Portugues, TOPOCENTER Nice Côte d’Azur, long-time authorized distributor and service partner of Leica Geosystems. “We are positive that the new iCB50 and iCB70 will be recognized by our customers as valuable tools to make future construction projects more effective.”

Tailored for building construction

The iCB50 and iCB70 are highly accurate instruments and durable to withstand any building construction environments. Leica Geosystems provides the same easy-to-use iCON build field software across the whole Leica iCON product portfolio.

“With an integrated software tailored to construction and a mobile data option, the new manual construction total stations provide a simple dataflow and the flexibility to work directly with digital designs with simple yet powerful selection tools, allowing the user to keep up to date with design information,” said Shane O’Regan, product expert at Leica Geosystems. “The construction-tailored software facilitates the move to digital construction with the streamlined use of data from digital chalk lines to fully-rendered models in IFC file format. It enables users to have full flexibility to select work packages directly in the field on the total station without additional steps.”

To learn more about the new iCON manual total stations, [see here](https://www.gim-international.com/content/news/leica-geosystems-introduces-new-generation-of-manual-costruction-total-stations).

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