

Comfortable measuring for Architects is announced

More time for planing ...

After using a Leica Laser Distancemeter for four years, Architect Rainer Dietz from Lindau, Germany, would never swap this valued tool.



Right: Rainer Dietz measures in the house entrance
Below: After the renovation...



Today measuring both short and long distances fast and accurately is a "must". Particularly during renovations, it is essential that measurements are correct at the beginning of construction as later changes would create great problems for tenants. Time is money for all in the construction.

Since 1999, the architecture office of Rainer Dietz has renovated and modernised many apartment buildings of the fifties with over 230 flats. All apartments, stairwells, cellars and attics, as well as the façades, are newly measured and all measurements and material details are written down on

the existing old plan on the spot. Later in the office, the data is entered into a CAD program and the current stock plans are prepared in the office.

"Compared with the enormous cost savings, the initial cost of the DISTO hardly comes into the picture. Using the conventional methods of measuring (with a tape measure and a metre ruler), two people are needed for just 1¼ standard hours per apartment. However, a saving potential of approximately 50-60% lies with the measurement of longer distances (façades, cellars, corridors and attics)." "I see great advantages in using the DISTO laser distancemeter to record detailed measurements in occupied and furnished buildings. Here, I can comfortably measure over and around items of furniture without having to move anything," said Rainer Dietz. For a building with 20 apartments, the Leica DISTO will save him around a total of 30 hours in measuring and recording time.

Petra Ammann

Savings at the building site

	Tape measure and Metre ruler	Leica DISTO™	Savings
At building site	2 people measure with a conventional tape measure and metre ruler. Items of furniture must be partly moved.	1 person measures with a Leica DISTO. All rooms are exactly measured with laser without moving any items of furniture. A colleague still accompanies the measurer but only.	1. Time-saving per Apartment: ½ Std 2. Façades, cellar, attic, stairwell, per building (approx. 20 apartments): 10 Std
	1. Time expenditure per apartment: 1½ Std 2. Time expenditure façades, cellar, attic, stairwell, per building (approx. 20 apartments): 20 Std	1. Time expenditure per apartment: 1½ Std 2. Time expenditure façades, cellar, attic, stairwell, per building (approx. 20 apartments): 10 Std	
		Complete saving: at 1. a building with 20 apartments At 2. a complete project	ca. 10 Std ca. 10 Std ca. 20 Std per Building