

μ Level

A low cost Electronic Spirit Level for Machine assembly

- Great value for money
- Resolution 1 m
- Simple to use
- Good software support
- For straightness, flatness, squareness



μLevel – it's reliable and simple

The great advantage of the μLevel is that you get the transparency of a simple water level tool with micrometer accuracy ($1\mu\text{m} = 0.000\ 04$ inch or 0.04 thou). In spite of all the improvements over the past 20 years in computer aided design, machines are assembled and aligned by people (and not printed out). It is easy to enter precise tolerances for the straightness of a guide or the flatness of a surface in the CAD software. The people who have to make this happen on a building site need precise and transparent tools to make this happen on a building site.

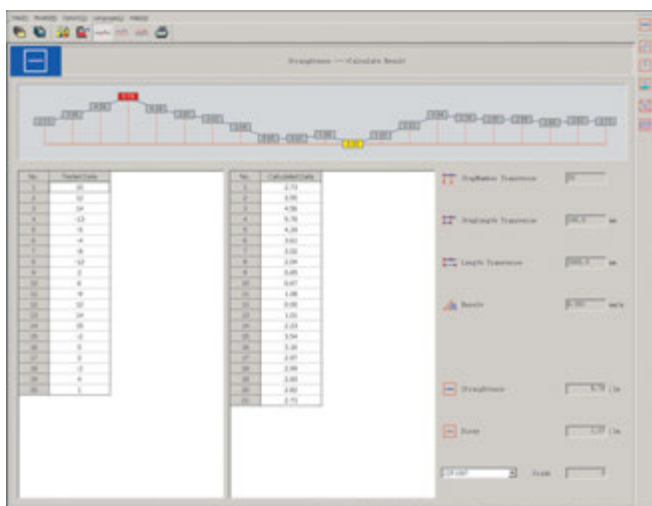
The μLevel is a good example for this. It is of course not the best tool of all applications, so see also ProLine, ProLevel and ProFlange. You can learn how to use the μLevel within a few minutes. You can concentrate on the job at hand.



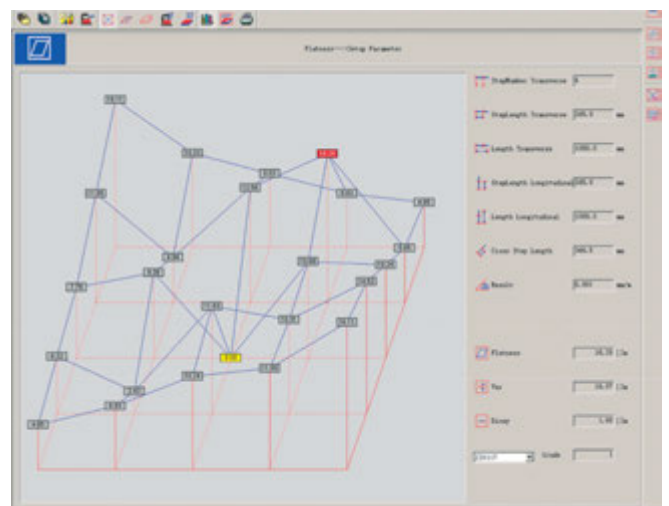
Reporting with SmartLevel Pro Software:

The software is a great help if you need to document a job. Straightness and Flatness are supported extensively. Differential measurement using two μLevel instruments is also supported.

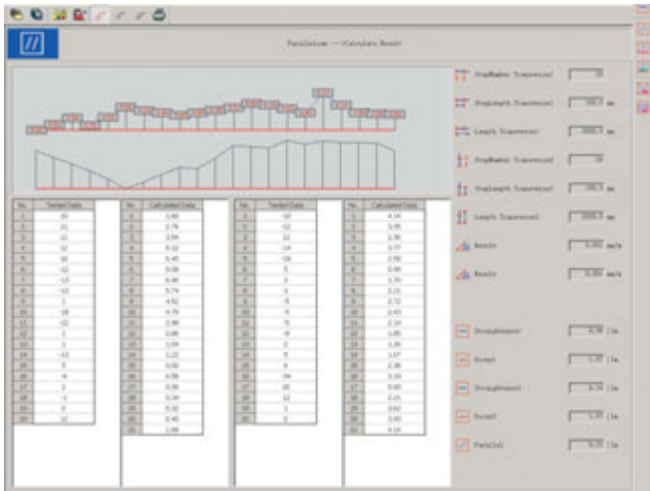
Straightness:



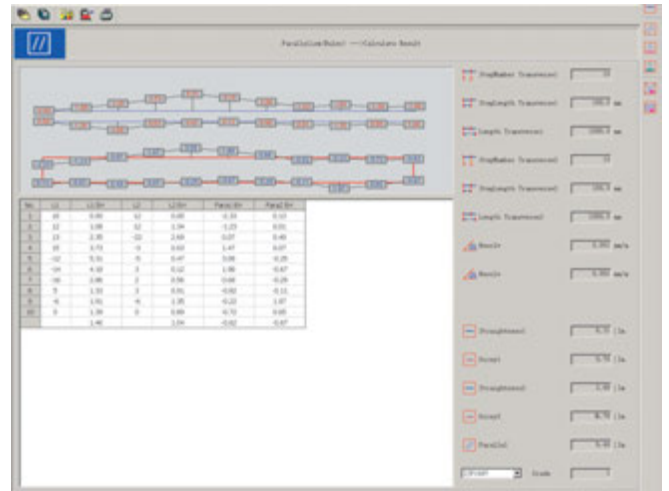
Flatness:



Parallelism



Guide comparison:

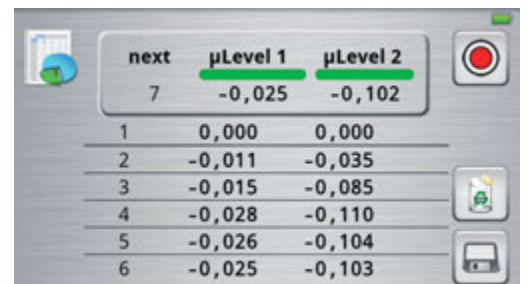
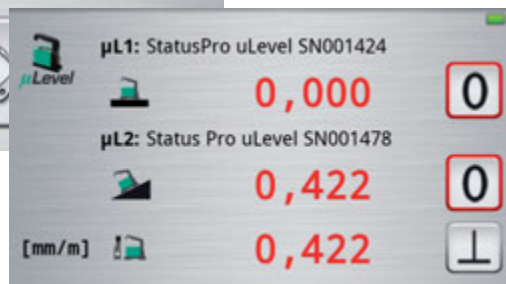
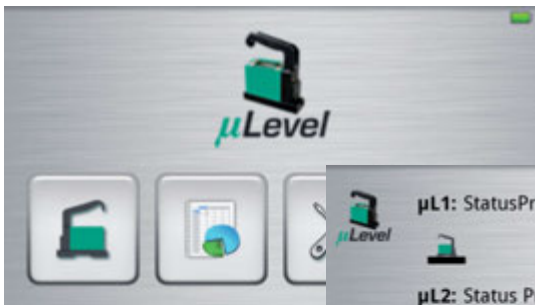


Bluetooth or a serial cable link can be used.



μLevel Android Software for Control (optional)

- Simple commands via bluetooth
- Intuitive Graphical Interface
- Quick data logging
- Live Data Report
- Report of the direction of inclination
- Zeroing
- Differential (Delta)- and Rightangles- resultant
- Report of Data Stability



Technical Data

Display range:	0 ~ ±9999 µm/m
Measuring range:	0 ~ ±2000 µm/m
Resolution:	Phase I = 0.01 mm/m – Phase II = 0.001 mm/m
Measurement error in measurement range:	± (1 + A × 2%) A: measurement value in µm/m
Stability:	≤ 6 µm / 4h
Repeating accuracy:	≤ 1 µm/m
Stability time:	≤ 10 seconds
Zero values error:	≤ 1 µm/m
Environmental condition:	(20±2) °C, temperature change ≤ 0.5 °C/h
Power supply:	4 x AA batteries or rechargeable batteries
Operating time:	approx. 14 hours
Dimensions:	150 x 47 x 170 mm
Base length:	150 mm
Base type:	Prisma
Weight:	1.3 kg



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