µLevel

A low cost Electronic Spirit Level for Machine assembly

Features in overview:

- Great value for money
- Resolution 1µm/m
- Simple to use
- Good software support
- For straightness, flatness, squareness
- See also ProLine, ProLevel, ProFlange

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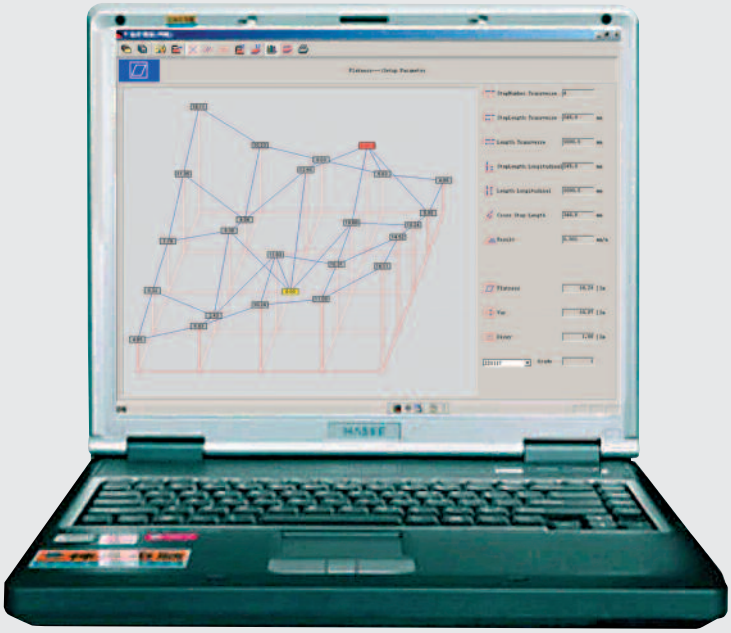
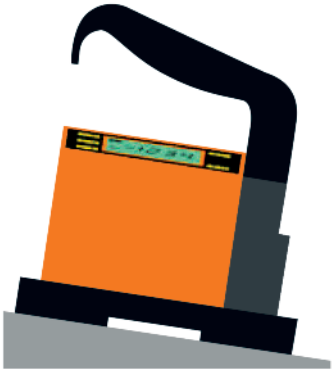
µLevel – it's reliable and simple

The great advantage of the µLevel is that you get the transparency of a simple water level tool with micrometer accuracy (1µm = 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.



µLevel in use

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.

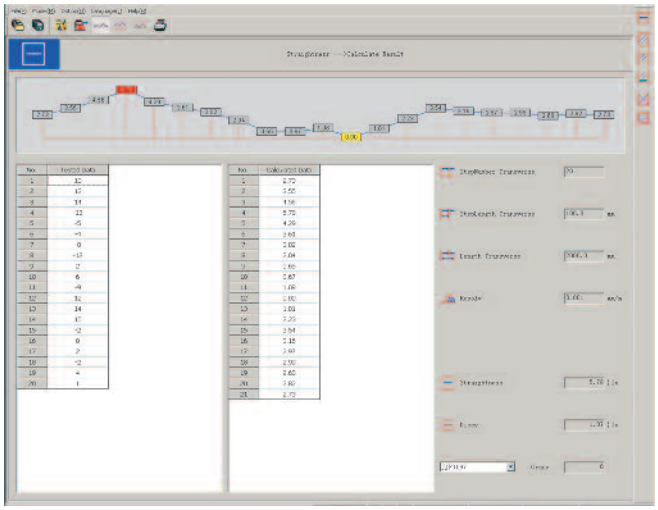


exactly aligned

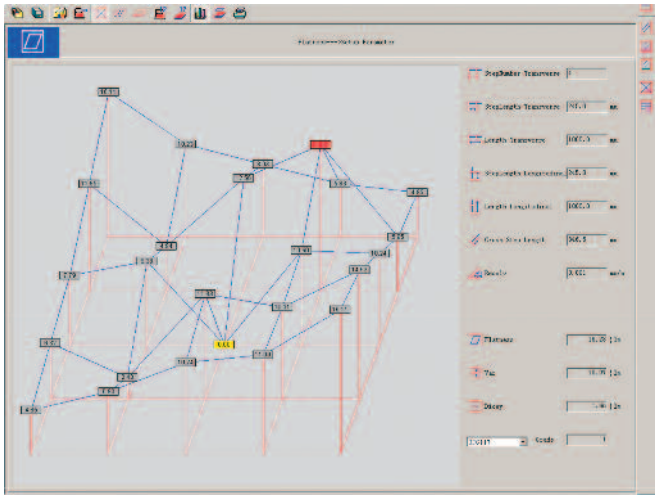
The Software package offers extensive support for the typical applications.

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.

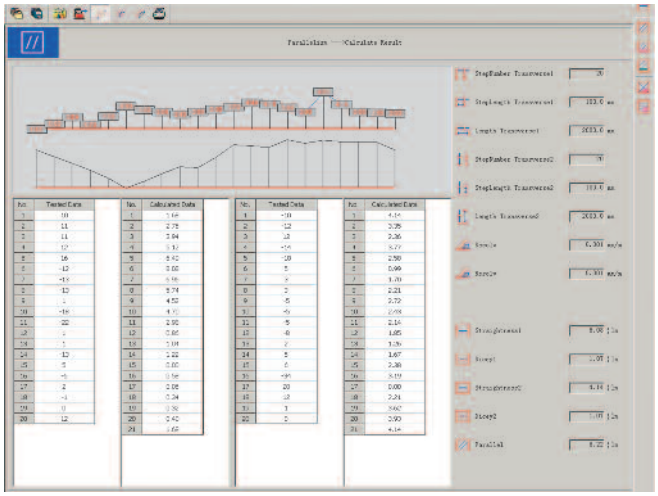
Straightness:



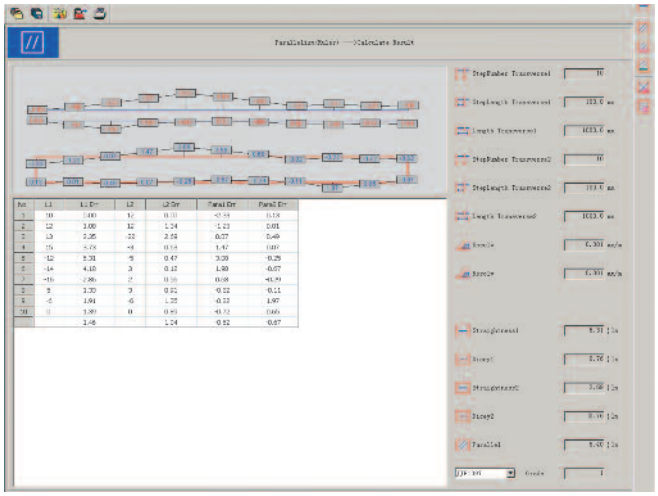
Flatness:



Parallelism



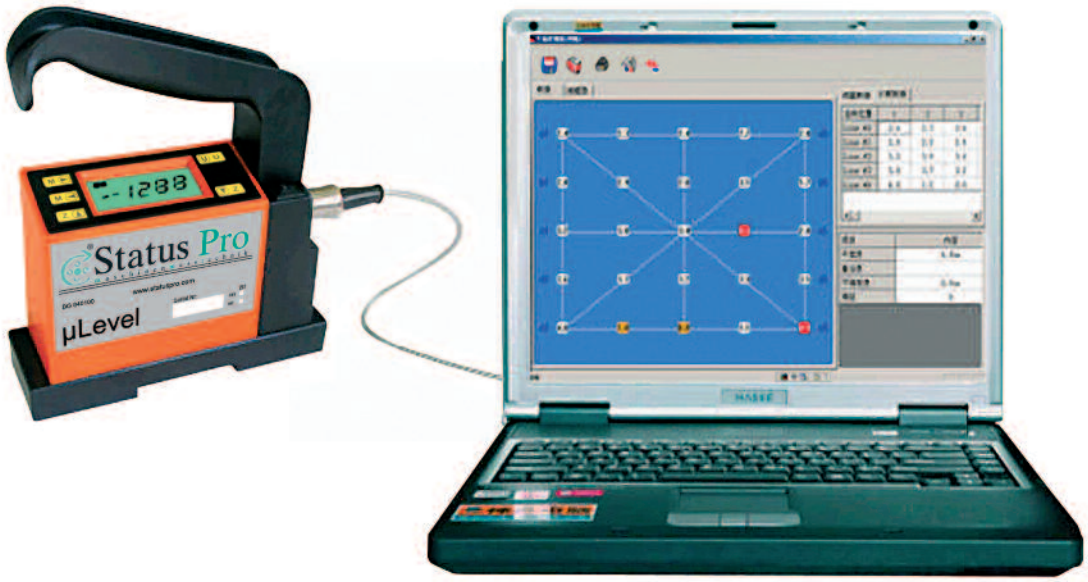
Guide comparison:



Bluetooth or a serial cable link can be used.

Technical Data

Range capability:	0 ~ ± 9999 µm/m
Measurement range:	0 ~ ± 2000 µm/m
Resolution: DL11	0.001 mm/m
Display Error:	± (1+Ax2%)
Zero Error:	1 µm/m
Stability:	DL11 Model ≤ 6 µm/m / 4h
Repeatability:	≤ 1 µm/m
Settling time:	DL11 Model ≤ 10 seconds
Temp stability:	DL11 Model (20 ± 2) °C 0,5 °C / h
Power supply:	4 x AA batteries or rechargeable batteries
Operating time:	approx. 8 h
Dimensions:	150 x 47 x 170 mm
Base length:	100 mm
Base type:	Prismatic
Weight:	1.3 kg



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BR 1015E 05/10 · Design / DTP: Seichter & Steffens Grafikdesign
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