

THE NEW GENERATION

AX[®] 02 Planograph

Segmented compact design



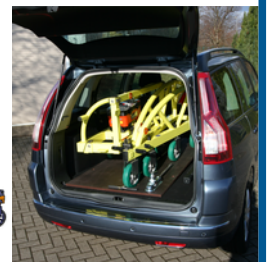
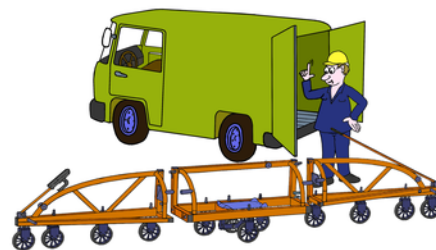
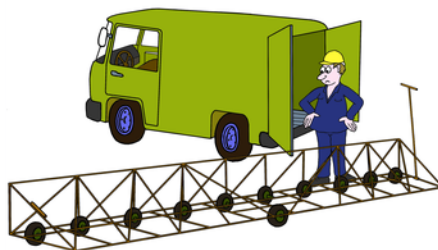
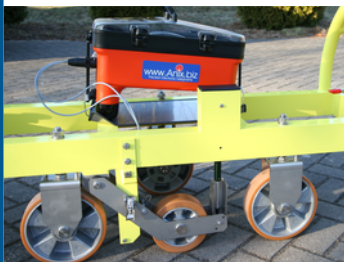
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Precision Electronic Instruments

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- 3 segments
- Easy to transport in a car and on pallet
- Without special trailer
- Space-saving storage
- Easy assembling on site
- Secured wheel adjustment
- Durable and waterproof industrial sensors

The planograph is used to measure precisely the surfaces of roads to evaluate the longitudinal unevenness of the surface layer.

The AX[®] 02 consists of 3 frame parts with a total of 10 wheels, a stabilizing wheel, a measuring wheel and an evaluation unit. The equipment can be operated by one person and in the rain also.



The planograph AX[®] 02 is characterized by a high-quality aluminium and stainless steel construction.


Anix GmbH
PRECISION ELECTRONIC INSTRUMENTS

THE NEW GENERATION

AX[®] 02 Planograph

Technical data

- Electronic evaluation
- Immediate printing
- Storage of test results
- Compact design
- Simple 4-button user interface
- Excel[®] - spreadsheets
- Long operation time
- Robust and durable

The road surface is recorded continuously, limit violations are audible signaled.

Technical data:

June 2013

Technical data is subject to change without notice. We reserve the right to further developments and technical modifications of our products.

Planograph:

- Innovative connection of the segments, very low deflection
- Suitable for measurements in walking speed 8 km/h
- Corrosion resistant construction, robust and durable
- Wheel adjustment with vertical set screws
- Turning device for easy turning of the planograph (option)
- Limit value is adjustable before testing, automatic identification of p and p² (violation of the limit value)
- Pause / continuation of the recording during the test is possible
- Numerous possibilities for comments during measurement.
- Printing of summary table (p and p² and corresponding distances) on site
- Graphical analysis and print with Microsoft Excel[®] on a PC (graphical analysis is limited to approx. 5 km on Excel[®] 2000, XP and 2003 because of only 65 536 rows)
- The evaluation unit can be used on the frame or remotely connected with a optional spiral cable up to 7 m distance (expandable with additional cables up to 14 m or 21 m)

Electronic measuring device:

- Case made from PET, transparent top cover with scratch-resistant surface
- Thermal printer with 58 mm print width.
- SD card for storage
- Multi-line backlit LCD display, 4 external buttons, 6 internal buttons to operate.
- Audible signal in case of limit violation.
- Accuracy of measurement:
 - Vertical deflection: 0 .. 20 mm (resolution: ± 0.1 mm)
 - Distance: Infinite (resolution: appr. 10 cm)
- Battery: 4.8 V, 4 Ah, quick rechargeable in 2 h, for about 48 hours continuous operation
- Weight 4.0 kg

Dimensions:

- segments 1 and 3: length 1.45 m, height 0.72 m, weight 25 kg
- segment 2: length 1.30 m, height 0.72 m, weight 30 kg
- mounted: total length 4.20 m, height 0.72 m, weight 80 kg



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Evaluation with a Microsoft Windows PC

| Ergebnistabelle: | | 17.07.12 12:49 | | | |
|------------------|-----------------|----------------|-----------------------------------|--------------------------|--|
| Station km | Meßwert (mm) | Überschreitung | | Hinweis | |
| | | p(mm) | p ² (mm ²) | | |
| 0,0000 | | | | BEGINN PFLASTER | |
| 0,0300 | | | | ENDE PFLASTER | |
| 0,0106 | 3,5 | 0 | | Verschmutzung | |
| 0,0215 | 20,2 | 17 | | Entwässerungseinrichtung | |
| 0,0265 | 3,3 | 0 | 0 | | |
| 0,0297 | 6,8 | 4 | 16 | Schacht | |
| 0,0743 | 8,1 | 5 | | Verschmutzung | |
| 0,1232 | 6,7 | 4 | | Verschmutzung | |
| 0,1349 | 14,2 | 11 | 121 | Übergang | |
| 0,1427 | 9,2 | 6 | | Verschmutzung | |
| 0,1587 | 3,9 | 1 | 1 | | |
| 0,1640 | 7,1 | 4 | | Verschmutzung | |
| 0,1671 | 3,3 | 0 | | | |
| 0,3252 | 3,7 | 1 | | Verschmutzung | |
| 0,3873 | 5,4 | 2 | | Verschmutzung | |
| 0,3899 | 4,8 | 2 | | Verschmutzung | |
| 0,3935 | 9,9 | 7 | 49 | Fahrspur | |
| 0,3963 | 5,9 | 3 | 9 | Fahrspur | |
| 0,3984 | 3,8 | 1 | | Verschmutzung | |
| 0,4007 | 6,9 | 4 | 16 | Fahrspur | |
| 0,4082 | | | 212 | | |

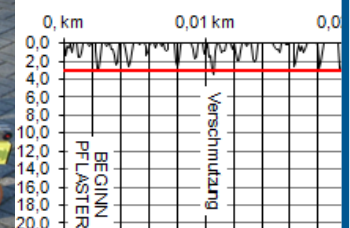
Edit Route:

- Subsequent changing of the start value (km)
- Possibility of inversion of the route: start->end to end->start (for inverted driving directions during measurements)

Edit and review table of results:

- Enter / edit comments of surface characteristics
- Possibility for customization of initialized comments.
- Remove values out of the p² calculation (for instance violations created by contamination)

- Analysis with Microsoft Excel[®]. No additional evaluation software - no administrative rights needed.
- Continuously automatic identification of limit violations
- Edit and review of the table of results
- Forwarding your report as a PDF or Excel[®] file
- Flexibility to create your own test report with your company logo and your layout



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Storage and transport

■ Transport plate "BASIC" - approx. 163 x 86 x 2 cm.

■ The planograph on the transport plate. The wheels snap into the cutouts. Fastening with 2 tensioning belts. Height about 73 cm.

■ The transportbox "ADVANCED" consisting of transport plate, 4 wooden frames and a truck tarp. It is suitable for the transport on an pallet.

■ The Planograph AX[®] 02 - for transport in the car.

