

Zeitschrift: IABSE structures = Constructions AIPC = IVBH Bauwerke
Band: 2 (1978)
Heft: C-4: Structures in the USSR

Werbung

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 05.03.2026

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>



Whenever Structural Safety is the Point ... Kern Precision Instruments are the Right Choice

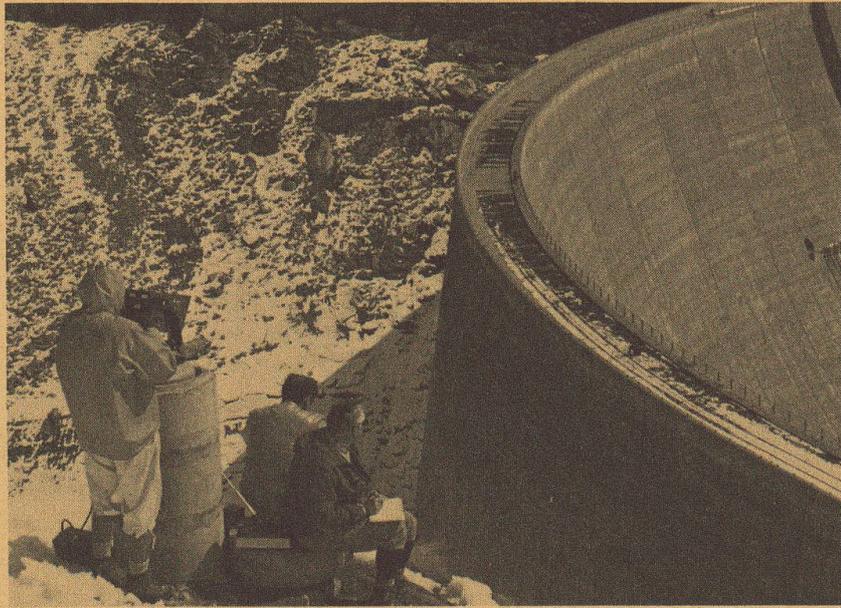
For measuring distances up to 2500 m:

Mekometer ME 3000

Electro-optical Precision Distance Meter with the extremely high accuracy of $\pm (0.2 \text{ mm} + 1 \text{ ppm})$ and a range of 2.5 km. Digital distance display to 0.1 mm.

Universal application: structural deformation measurements, large area slip and displacement measurements, precision layout work and fundamental surveying.

The Mekometer used for dam control measurements



For measuring length variations within a distance range of 50 m:

Distometer ISETH

Precision instrument for accurate determination of length variations by means of Invar wires. Measuring accuracy $\pm 1 \text{ ppm}$; length of the Invar wire 1—50 m; measuring range for length variations 100 mm.

Special advantages: lengths of any inclination including vertical may be measured; simple layout of the measuring arrangement.

Application: structural deformation measurements.

The Distometer ISETH used for tunnel wall deformation measurement

Kern & Co. Ltd.
Mechanical, Optical and
Electronic Precision Instrument
CH-5001 Aarau, Switzerland
Telex 68 106

Please send me your detailed
documentation on:

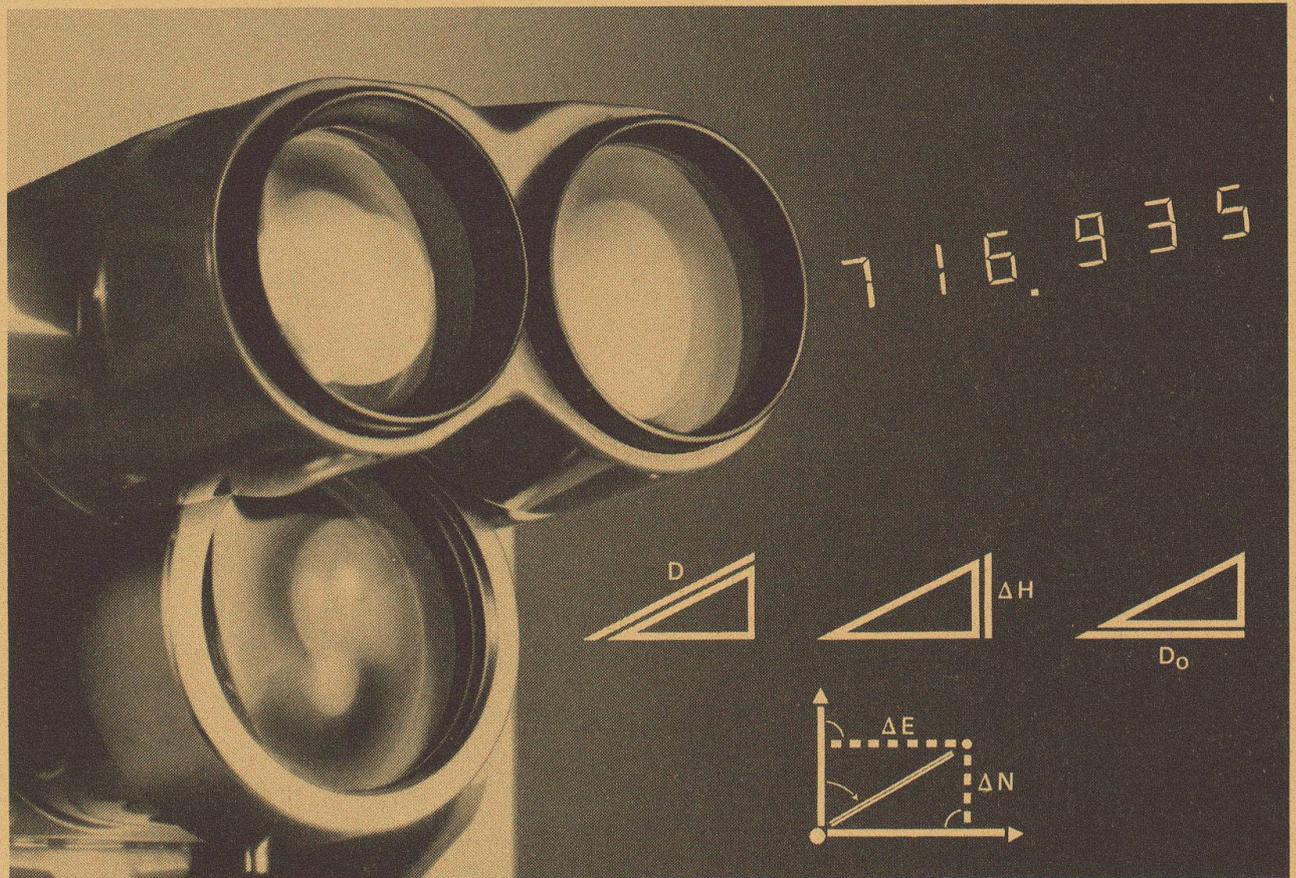
- Mekometer ME 3000
 Distometer ISETH

Name: _____

Occupation: _____

Address: _____

**More range.
More features.
More possibilities.**



The DI3S offers more.

There are many EDM's on the market. But can any match the DI3S? Check the features yourself. Range is 1000 m to one prism, 1600 m (1 mile) to 3 prisms, 2000 m to 9 prisms. Measurement is fully automatic. Accuracy is \pm (5 mm+5 ppm). And you're always certain because the standard deviation of the measurement is displayed. Most instruments only give the slope distance. The DI3S displays slope distance **plus** horizontal distance, difference in height, and even coordinate differences. Atmospheric, sea level

and scale factor corrections are applied. Readout is in metres and feet. In tracking mode, the measurement repeats automatically every 3 seconds for setting out on land or water. The DI3S combines with Wild T1, T16 and T2 theodolites. With the T1 and T16 it transits for angle measurement in both positions. Write for brochure G1 329e or, better still, ask for a demonstration of the Wild DI3S Electronic Reduction Tacheometer. Remember, you'll do much **more** with the DI3S.

Free colour brochure D 13 S
Write or send this coupon to
Wild Heerbrugg Ltd.,
CH-9435 Heerbrugg / Switzerland

Name _____
Address _____

Wild Heerbrugg Ltd.
CH-9435 Heerbrugg/Switzerland

**WILD
HEERBRUGG**