

**Zeitschrift:** IABSE structures = Constructions AIPC = IVBH Bauwerke  
**Band:** 5 (1981)  
**Heft:** C-17: Bridges and formwork launching girders

## Werbung

### Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften. 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. [Siehe Rechtliche Hinweise.](#)

### 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. [Voir Informations légales.](#)

### 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. [See Legal notice.](#)

**Download PDF:** 17.03.2025

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



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

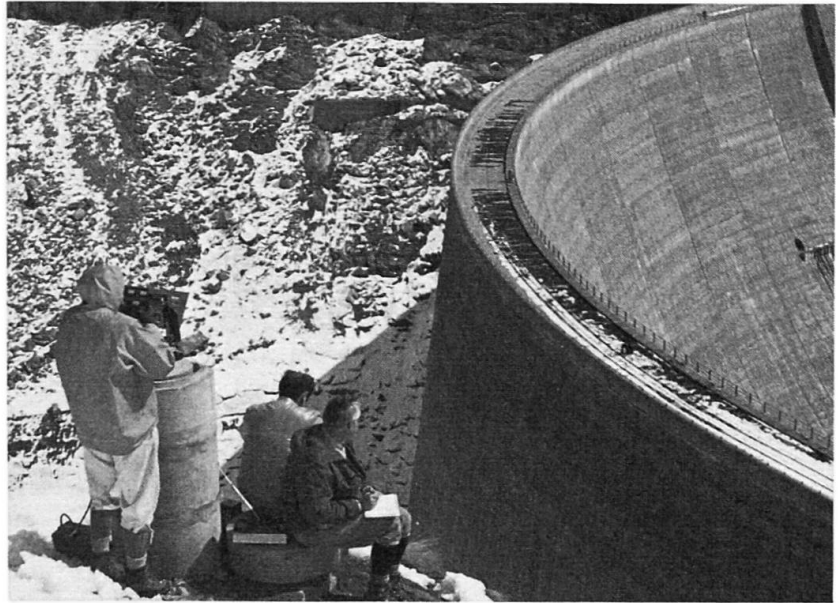
For measuring distances up to 2500 m:

## 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# ARBED

## Steel beams from ARBED

ARBED - manufacturers of the world's largest universal wide-flanged beam: 1000 x 450 mm. And some of the smallest: down to a mere 80 x 42 mm. Between these extremes you'll find the most comprehensive structural steel product range anywhere. Steel qualities conforming to all international standards.

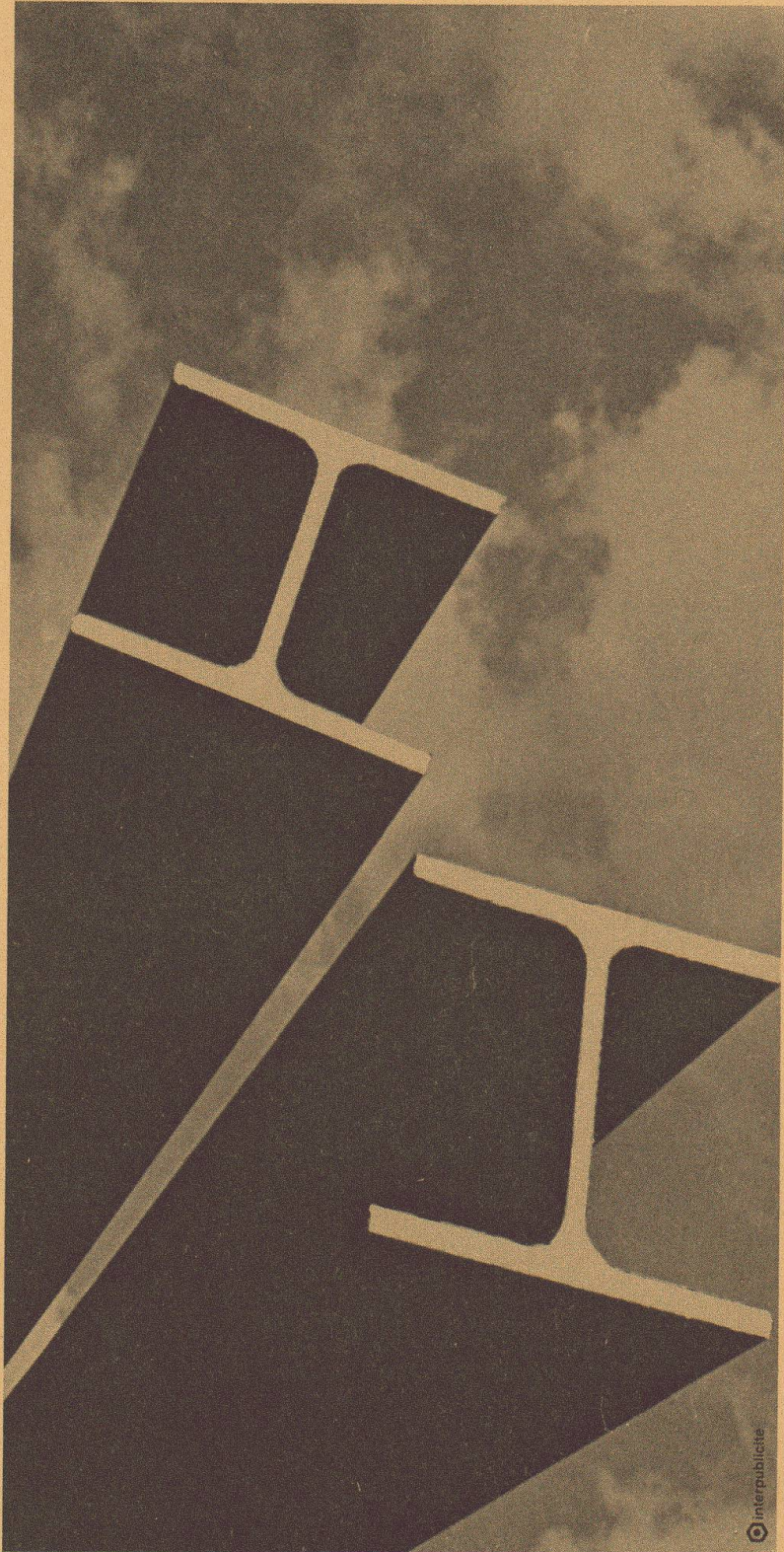
Fritenar, Krytenar, arcorox, Mercor, Krybar... steel grades with exceptional properties: ideal weldability, weather and corrosion resistance and high yield point.

ARBED structural steel combined with ARBED know-how and engineering solve even the most intractable building problems. Worldwide.

Sales:

**TRADE ARBED**

**Société Anonyme  
Boîte Postale 1802  
L-Luxembourg**



# They come bigger but not better

This Wild Distomat DI4 is the smallest electronic infra-red distancer ever built. Micro-processors and modern infra-red technology give this Swiss precision instrument its high performance and make it so handy, and make you more mobile and more competitive.

Only a single pointing is needed for angles and distance (up to 2500 m), even with steep lines of sight (from  $-75^{\circ}$  to zenith). With the Wild T1 and T16 theodolites, the telescope transmits with the DI4 fitted, and reduction angles are entered via a separate keyboard. Slope distance, horizontal distance, height difference or coordinate difference are dis-

played very accurately (also in the tracking mode) immediately above the telescope. Standard deviation and functional status are displayed at the touch of a key. And the DI4 automatically monitors the state of the battery, powerful enough for 1500 measurements.

As the youngest member of the successful Distomat family, the Wild DI4 gives you a maximum of comfort, performance and reliability. Every one of the 150 Wild agencies and service centres throughout the world is holding

detailed information about it ready for you. See for yourself: there isn't a smaller one – there isn't a better one!

**For colour brochure Wild DI4**

Send this coupon to your next Wild representative or directly to Wild Heerbrugg Ltd., CH-9435 Heerbrugg, Switzerland.

Name \_\_\_\_\_

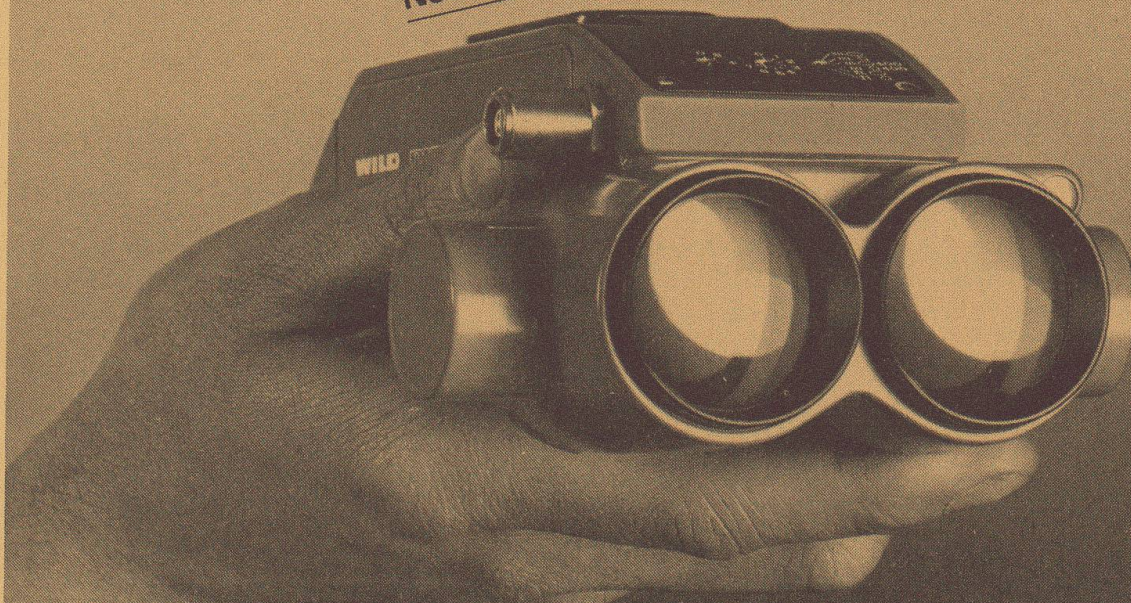
Company \_\_\_\_\_

Address \_\_\_\_\_

SBb 11-1

**Wild Heerbrugg Ltd.**  
CH-9435 Heerbrugg, Switzerland

*New: DI4L with 5000 m range*



**WILD**  
**HEERBRUGG**