

## Contact Measuring Scope

The ideal aid to determine the size of inaccessible objects • simple, reliable • straightforward, universal  
• light weight, robust • compatible to standard bore-scope equipment

# Contact Measuring Scope

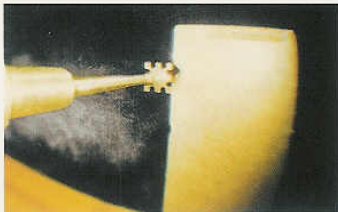


## Size determination - an old problem of borescope inspection

When observed through a borescope, the virtual size of an object varies with its distance from the borescope tip (see example above). With the Richard Wolf Contact Measuring Scope, the real size of e.g. a damage is determined independantly of the object distance (see example below).



The Contact Measuring Scope is operated in the simplest way, without heavy equipment, without interpretational ambiguities, without calibration problems and independant of computer systems.



## Size determination of:

- cracks
- damage
- corrosion
- material flaws
- surface details

## Suited for:

- direct reading
- evaluation on-screen
- calibration of computerised systems



## Working Principle:

The Contact Measuring Scope is a borescope with a steerable probe. The probe tip carries a scaled template. This template is brought into direct contact with the object under investigation by manually shifting the probe axis. The template can be oriented by rotating the probe axis.

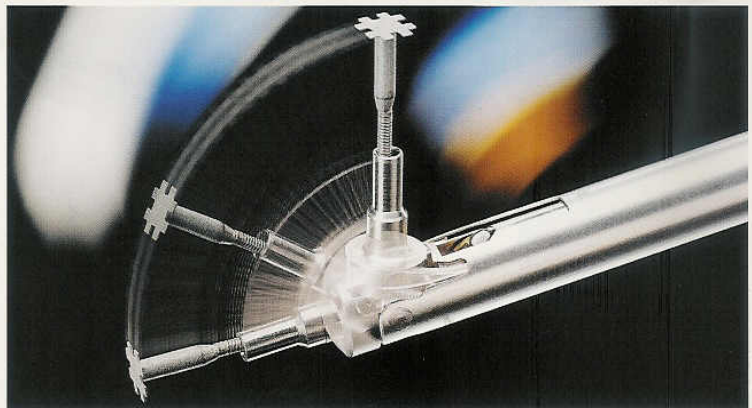
When in touch with the object, the template is observed either directly through the integrated optical system or on the monitor of a standard video system. The size of damage, corrosion or surface details is simply read from the scale.

For access through small inspection ports the probe is articulated to a 0-degree position. After insertion, the probe is positioned to the direction of observation.

For an optimal angle of view, the optical system can be shifted within the shaft of the Contact Measuring Scope.

The Contact Measuring Scope is fully compatible to standard borescope accessories like light sources, conventional or digital still cameras, video cameras and optical adaptors.

Please ask for specialised brochures on our range of borescope equipment.



## GERMANY (Headoffice)

RICHARD WOLF GmbH  
Productgroup Technoscopes  
Pforzheimer Straße 32  
D-75438 Knittlingen  
Tel.: ++49-70 43-35 222  
Fax: ++49-70 43-93 01 09

## BENELUX:

N.V. Endoscopie  
Richard WOLF Belgium S.A.  
Industriezone Drongen, Landegemstraat 6  
B-9031 Gent-Drongen  
Tél.: 0032-(0)9-282.92.15  
Fax: 0032-(0)9-282.92.16

## FRANCE:

RICHARD WOLF France S.A.R.L.  
Rue Daniel Berger  
Z.A.C. La Neuville  
F-51100 Reims  
Tél.: 03.26.87.02.89  
Fax: 03.26.87.60.33

## VisionScope Technologies

IMAGING & INSPECTION CONSULTANTS

Inspection Optics Ltd

RICHARD  
**WOLF**  
TECHNOSCOPE

**JOEL**

**MORITEX**  
CORPORATION

Kevin Sebley, Product Consultant

PO Box 1091, Comberton, Cambridge, CB23 7WP, UK

Tel / Fax: 01223 655740 / 655218

Email: [visionscope@tiscali.co.uk](mailto:visionscope@tiscali.co.uk), Web: [www.visionscopetechnologies.co.uk](http://www.visionscopetechnologies.co.uk)