

## N°170 L-LAS series

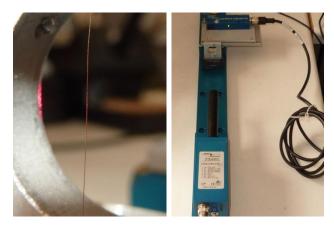


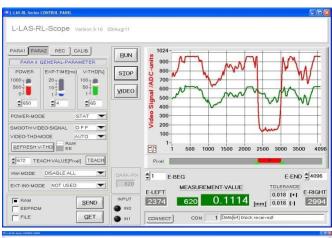
## 1. Diameter control of a metal wire with and without insulation

**Application - News** 

The diameter of a wire without insulation (Ø 50 µm) should be differentiated from a wire with

insulation (Ø 110  $\mu$ m). For this purpose a line scan camera type L-LAS-CAM-512-SL with a macro objective type MO-J-4x/20 is used at the receiver side and at the transmitter side a laser type D-LAS-ED1-9.5x1-IC-T is used which generates collimated light. The distance from the macro objective to the object is approximately 75mm. The measurement range of the line scan detector in connection with the macro objective is around 2 mm. The insulated wire can be proper distinguished from the non insulated wire.

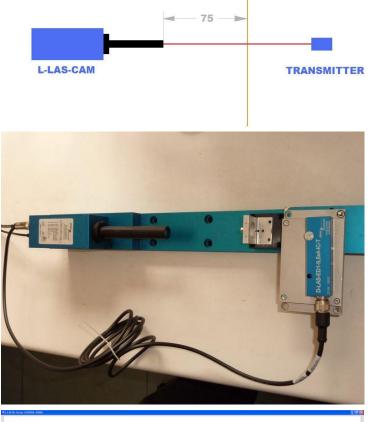












L-LAS-RL-Scope Version 3.16 03/Au

PARA

EVA

TOLE

TOLE

POL

AVER

ANA

zooi

E

AT PARA2 REC CALIB PARA I: GENERAL-PARAMETER L-MODE WIDTH	BUN 8 900 STOP 8 700
ERANCE-HIGH 100 ERANCE -LOW 100 ERANCE-MODE USE-TOL-VALUE	VIDEO 500 00 00 00 00 00 00 00 00 00 00 00 00
-TRIGG DISABLE OBJECT-TRIG	200 100 1 1 1 500 1000 1500 2000 2500 3000 3500 4096
RAGE     2     Image       ALOG-OUT     DIRECT 0 10V     Image       OM-MODE     DIRECT 1 : 1     Image	DARK-PIX 616 CARK-PIX CARK-P
RAM SEND	INPUT     2436     616     0.1107     mm     0.018 [c]     3052       © IN0     CONNECT     COM:     1 Data[64] block received!     3052