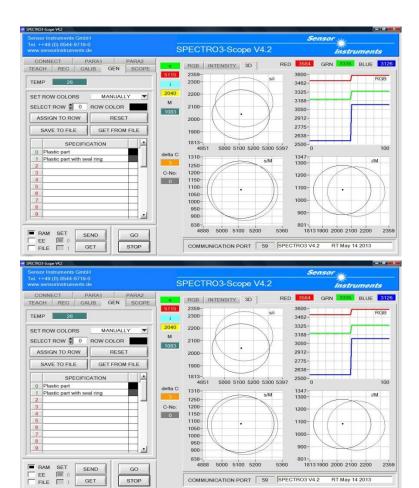


Application - News



1. Presence control of a seal ring on a plastic component

The presence of a silicon ring on a plastic component should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical front end type **KL-8-R2.1** are used. The distance from the front end to the seal ring is approximately 11mm and the spot size at this distance is around 6mm x 1mm. The silicon ring can be proper detected as shown in the screen shots.



SPECTRO3-Scope V4.2
 TEACH
 REC
 CALIB
 GEN
 SCOPE

 CONNECT
 PARA1
 PARA2
01 GRN RED BLUE RGB INTENSITY 3D 2359-2300-3800 STATIC 2125 2200 350 POWER (pm) 0 250 500 750 1000 3350 2100 3200 LED MODE AC DYNWIN HI 3300 1069 2000-AMP7 DYNWIN LO 3200 GAIN 2900-1900 2750-AVERAGE 256 VINTEGRAL 1 1813-, 4851 2600-5000 5100 5200 5300 539 MAXCOL-No \$ delta C 1310-1347-1300-OUTMODE 1250 INTLIM 0 1200 1 1100 BESTHIT EVALUATION MODE 1000 CALCULATION MODE s i M - 3D -1000 EXTEACH OFF TRIGGER CONT 900 801-, 1813 1900 2000 2100 2200 38 5000 5100 5200 RAM SET SEND EE 0 FILE 1 GET 5360 2359 GO COMMUNICATION PORT 59 SPECTRO3 V4.2 RT May 14 2013 STOP







