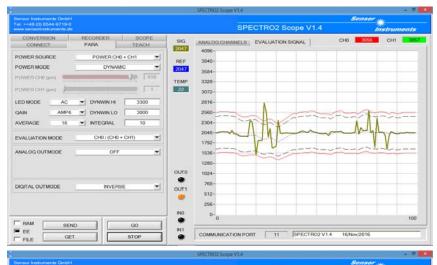


Application - News N°665 SPECTRO-2 series



1. Relief detection on glass bottles

Reliefs on glass bottles should be detected. For this purpose, a double-contrast sensor type **SPECTRO-2-FIO-**(VIS/VIS)/(VIS/VIS) in connection with an optical fiber type **R-S-A3.0-2x(3x1)-1200-Y-67°-2P/2P** and an optical frontend type **KL-9-A3.0** is used. Here, the distance from the frontend to the surface is approximately 13mm and the spot size is twice times 2mm x 0.7mm. The distance between the spots is around 1mm. The reliefs can be proper detected as shown in the screenshots.



| www.sensorinstruments.de | 2 | | | | SPE | CTRO2 | Scop | 9e V1. | • | | Ins | trumen | 15 |
|--|--|-------------------|-----------------------|--------------|--------|----------------|------|---------|----|-----|--------|--------|------|
| CONVERSION | PARA RECORDER | SCOPE | | LATION IS BA | | | | N THE D | | us] | | | LOSE |
| G | ET CYCLE TIME | | delta X [ms] 4100- | 4705 | | selta Y (digit | 9 13 | 67 E | M | 34 | SIGNAL | ALI | |
| (Hz) 4463 | [ms] | 2.240 | 3750- | | | | | | | | | ZOOM 1 | 1 |
| TRIGGER MODE | N | | 3500- | | A.II I | A. | - | _ | | | _ | _ | |
| PRE TRIGGER VALUES | Notesta Alexandre | 10 | 3250- | MUN | MM | | | - | | | - | | - |
| RIGGER LEVEL (0. 405 | 67 | 2000 | 2750- | MIL | WY | | | | | | | | |
| SCAN RATE [160 000] | | 50 | 2500- | | JA V | M - | | - | | | | | |
| SCAN | BF | EAK SCAN | 2250- | / ALAL | NN, | | | _ | | | | | |
| | | | 1750- | 1 M V | 11 | | | | | | | | |
| | T SCOPE GRAPH | | 1500- | 111 | 11 | ۱ P | - | _ | _ | | | _ | |
| COMMENT (ADD TO PRI | | | 1250- | | | | | | | | | | |
| SPECTRO-2-FIO-(VIS/VI R-S-A3.0-2x(3x1)-Y-1200 distance to the object. 13 spot size at this distance angle to the horizontal ax |)-67*-(2P/2P) + KL-5 mm 2x (2mm x 0.7mm) | لد _{مده} | 750- 500- 250- | | | | | | | | | | |
| | | | 0-, | | | | | | | | 1 | | |
| | | | 0 | 13 | 26 | 38 | 51 | 64 | 77 | 90 | 102 | 115 | 12 |
| | | | IN1- | _ | - | | - | - | - | - | - | - | - |
| RAM SE | | 60 | | - | | - | | | | | | - | - |
| EE GE | | STOP | OUT1- | | - | - | | | | | | | _ |
| FILE | | STOP | | | | | | | | | | | |

| | 5 | SPECTRO2 Scope V1.4 | | | - 0 | | |
|---|-----------|---------------------|---------------------|-----------------|----------|--|--|
| Bensor Instruments GmbH Tel. =+49 (0) 8544-9719-0 | | | | Sensor | Sensor w | | |
| Tel. ++49 (0) 8544-9 /19-0 www.sensorinstruments.de | | SPE | SPECTRO2 Scope V1.4 | | | | |
| CONVERSION RECORDER SCOPE CONNECT PARA TEACH | SIG 2 | ANALOG CHANNELS | EVALUATION SIGNAL | СНО 3011 | СН1 320 | | |
| HOLD [0-100ms] 100.0 DEAD TIME [%] 2 INTLIM CH0 10 INTLIM CH1 10 | B | 3840- | | | | | |
| | TEMP | 3328- | | | | | |
| THRESHOLD TRACING ON CONT | - 22 | 3072- 2816- | | | | | |
| EXTERN TEACH | | 2560 | | T. T. | | | |
| TEACH VALUE 0 TEACH | | 2048 | | MACHE | | | |
| THRESHOLD CALC RELATIVE (%) TOLERANCE 25 HYSTERESIS 20 | | 1536 | | | | | |
| | олто | 1280- | 1 1 | | | | |
| | • 0//1 | 768- | | | | | |
| | • | 512- 256- | | | | | |
| RAM SEND GO | IN0 | 0-0 | | | 100 | | |
| EE GET STOP | | COMMUNICATION POR | at 11 SPECTRO2 VI | 1.4 16/Nov/2016 | | | |









