



Chrocodile IT test certificate

Sensor typ: 2 LR
Order number: 5007393
Serial number: 201031
 Firmware: 20160425
 Lambda min [nm]: 883,75
 Lambda max [nm]: 820,87
 Full scale range [μm]: 2953

Chrocodile 2 LR technical specifications

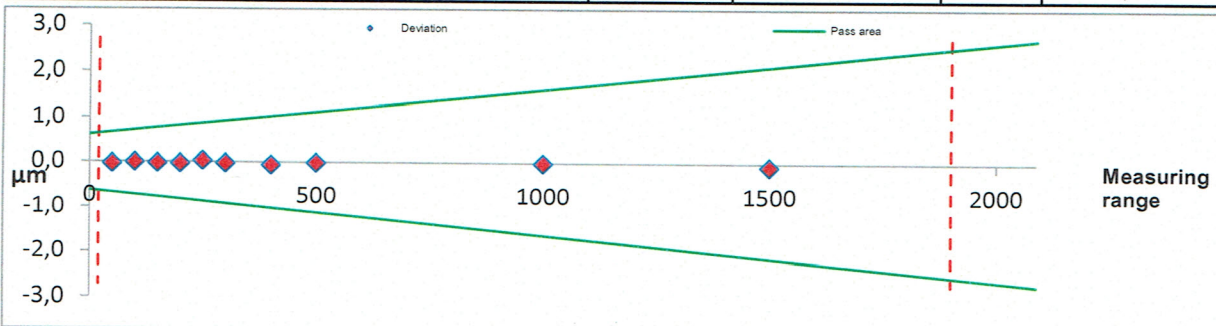
Measuring range [μm]	20 - 1900
Max. linearity error	0,033% of measuring range
Max. pitch error	0,001
Max. specified error (Err _{max})	combination of linearity and gain error
Pass area	100% of Err _{max}

Accuracy of measuring range

Test object: Air gap standard in bridge-design
 Calibration mark: PTB Certified s/n: 50017, 50023, 50352

Measurement probe: Precitec reference probe
 Ambient temperature [°C]: 21 ± 1

air gap thickness [μm] (PTB certified)	uncertainty [μm]	Measured value [μm]	Deviation [μm]	Pass area [μm]	Pass / Fail	Max. specified error [μm]
49,973	±0,005	49,943	-0,030	-0,670 ~ 0,670	PASS	± 0,670
99,975	±0,005	99,975	0,000	-0,720 ~ 0,720	PASS	± 0,720
149,941	±0,005	149,918	-0,023	-0,770 ~ 0,770	PASS	± 0,770
200,067	±0,005	200,040	-0,027	-0,820 ~ 0,820	PASS	± 0,820
249,948	±0,005	249,983	0,035	-0,870 ~ 0,870	PASS	± 0,870
300,039	±0,005	300,016	-0,023	-0,920 ~ 0,920	PASS	± 0,920
399,957	±0,005	399,901	-0,056	-1,020 ~ 1,020	PASS	± 1,020
499,884	±0,005	499,876	-0,008	-1,120 ~ 1,120	PASS	± 1,120
999,942	±0,005	999,932	-0,010	-1,620 ~ 1,620	PASS	± 1,620
1499,787	±0,005	1499,718	-0,069	-2,120 ~ 2,120	PASS	± 2,120



Name: A.Mujkic

Signature:

Date: 22.09.2016

Precitec Optronik GmbH
 Schleussnerstraße 54
 63263 Neu-Isenburg
 AG Offenbach: HRB 43590
 Ust-IdNr. DE261750298

Bankverbindung:
 Commerzbank AG
 Konto Nr. 6 660 095 00, BLZ 500 800 00
 SWIFT: DRES DE 33
 IBAN: DE81500800000666009500

Geschäftsführer:
 Dr. Thilo Stork gen. Wersborg
 Dr. Maja Hartung
 Dr. Michael Bauer

