

MEASUREMENT EQUIPMENT for OPTOELECTRONIC DEVICES

<i>I. Measurement of LEDs and DISPLAYS</i>	
1	luminous intensity measure equipment LMT B510 / LMT Poket Lux
2	radiometer / photometer International Light IL1700 + integrating sphere
3	luminous flux (spot measurement) LMT 1009
4	chromameter Konica Minolta CS - 200
5	spectrometer IS CAS140B-151 (380nm-780nm); Ando AQ-6310B Optical Spectrum Analyzer (400nm-1750nm)
6	radiant power HP 8153A Lightwave Multimeter + Optical Head + integrating sphere
7	display and monitor measurement equipment Konica Minolta CA – 100
8	optical video camera system Kappa DX 2; Sony SSC-C37
9	mechanical positioning systems ISEL round switching table; ISEL X-Y-positioning; 2-axes Goniometer system DTS 500
<i>II. Equipment for Life Test -LED & laser-</i>	
1	life test system Newport 8008 (48 channels, ILD 1000mA /500mA, Si-Sensors); Newport 9016 (52 channels: ILD 1000mA, TEC 2,0 A // 12 channels: ILD 1500 mA, TEC 2,5 A); Averna VCSEL (384 channels, ILD 50mA, GE-Sensors)
2	life test-/ burn-in test system Bauer Engineering ATOS-TS DC current 2-300 mA/Pulsed current 10-1.000 mA
<i>III. Measurement of image sensors</i>	
1	test module for CCD/CMOS image sensors, aSpect Systems idMod incl. software idView; LED illumination source idLu)
<i>IV. Equipment for fiber optic devices</i>	
1	optical measurement system Agilent Series 8153A; Agilent E5574A; Acterna OMS-100 (OLP110,OLP-150,OLS-150)
2	tunable laser (1500-1620nm) Ando AQ-4320B & AQ-4321D
3	multi-channel DFB laser source EXFO IQ-203 (16 Channel C-Band, 16 Channel L-Band)
4	DFB laser, FP laser, ASE, LED (850nm, 1310nm, 1550nm) Agilent 8155xSM Series / Ando AQ Series
6	optical spectrum analyser Ando AQ-6317 / Agilent 7004A
7	bit error rate measurement system Anritsu MP1763C, MP1764C (0,05 ... 12,5 Gb/s); Agilent 7004 (0,05 ... 2,5 Gb/s)
8	laser diode controller ILX Lightwave LDC-372x Series / Newport 8000
9	wavelength meter Advantest TQ8325
10	optical attenuator Agilent 815x Series
11	optical reflection module Agilent 81534A
12	connector endface inspection DORC ZX1
13	fusion splicer & tools Fujikura FSM-20CS / Fujikura FSM-20RSII2