

Document No: **S04474601****SYSTEM REPORT**Order No: **O920360**Customer No: **AZZ03**Date: **20210414**Customer: **Azzurra Tecnology S.R.L.**Address 1: **Via Giovanni Pascoli, 42**Address 2: **55032 Castelnuovo di Garfagnana (LU)**Your reference: **Mauro Regali**

Phone:

System type: **XT770**

12-0961:	#156271	XT11 Display Unit
12-1045:	#155697	XT70-M Measuring Unit
12-1046:	#155717	XT70-S Measuring Unit

Notes:

Sign:



Checked:

EÖ 2021-04-20

Calibration date: **2021-04-20** Certificate no.: **C04474601**

Equipment: **EASY-LASER® XT70-M Measuring Unit** Test method: **10-0858**
 Serial no.: **12-1045: #155697** Reference laser: **#155717**

Linearity calibration: The sensor linearity of the measuring unit has been calibrated to $\pm 1 \mu\text{m} \pm 1 \%$. The calibration is performed with a separation distance of 200 mm. The reference laser is kept fixed and the unit under calibration is moved to calibrate the linearity of the sensor at several successive positions, using a Mitutoyo digital dial gauge as reference. Calibration result: PASS.

Inclinometer calibration: The inclinometer has been calibrated to $\pm 1^\circ$.

Uncertainty of measurement: The measurement uncertainty is $\pm 0.5 \%$ and $\pm 0.5^\circ$, respectively. The uncertainty is quoted to 95 % confidence level (coverage factor $k = 2$).

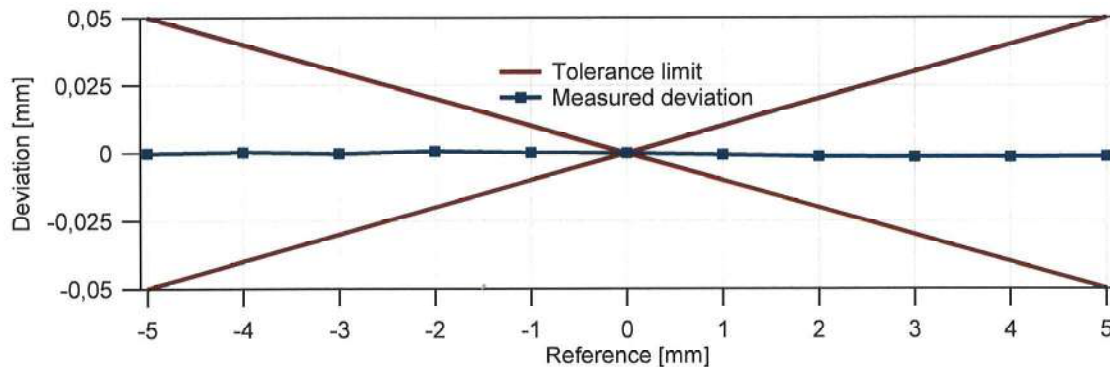
Laser power calibration: The output laser power of the unit has been calibrated to $420 \pm 20 \mu\text{W}$.

Test environment: Temperature: $22 \pm 3 \text{ }^\circ\text{C}$. Humidity: 30-70 % RH.

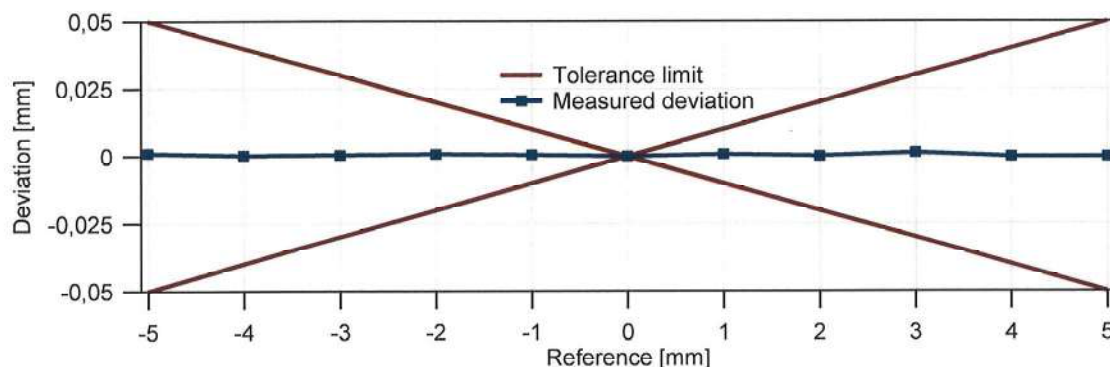
Traceability: The calibration is traceable to national or international standards.

Calibration recommendation: The user's quality system shall determine the calibration interval for the equipment. Under normal use a calibration interval of 24 months, or shorter, is recommended for all Easy-Laser products. If the equipment is used under harsh conditions a shorter calibration interval is advised depending on the conditions.

Measurement record: Vertical



Measurement record: Horizontal



Reference standard	Ref. no.	Lab	Certificate no.	Ref. calib. date
Mitutoyo indicator	INV-0322	Mitutoyo	20210040	2021-01-25
Laser power meter	INV-0323	Easy-Laser	20200520L	2020-05-20

Elisabeth Gårdback, Quality Manager

Easy-Laser AB, PO Box 149, SE-431 22 Mölndal, Sweden
 Phone: +46 31 708 63 00, E-mail: info@easylaser.com
 Web: www.easylaser.com, Org. No: 556474-3705



Calibration date: **2021-04-20** Certificate no.: **C04474602**

Equipment: **EASY-LASER® XT70-S Measuring Unit** Test method: **10-0858**
 Serial no.: 12-1046: **#155717** Reference laser: **#155697**

Linearity calibration: The sensor linearity of the measuring unit has been calibrated to $\pm 1 \mu\text{m} \pm 1 \%$. The calibration is performed with a separation distance of 200 mm. The reference laser is kept fixed and the unit under calibration is moved to calibrate the linearity of the sensor at several successive positions, using a Mitutoyo digital dial gauge as reference. Calibration result: PASS.

Inclinometer calibration: The inclinometer has been calibrated to $\pm 1^\circ$.

Uncertainty of measurement: The measurement uncertainty is $\pm 0.5 \%$ and $\pm 0.5^\circ$, respectively. The uncertainty is quoted to 95 % confidence level (coverage factor $k = 2$).

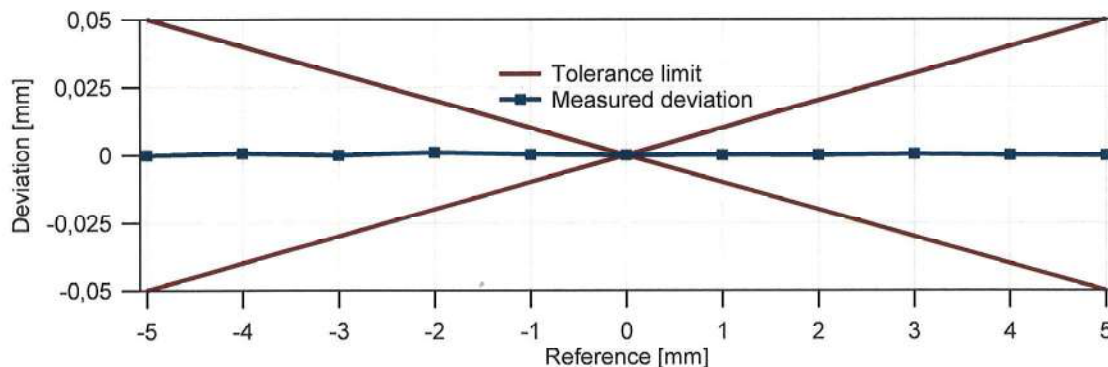
Laser power calibration: The output laser power of the unit has been calibrated to $420 \pm 20 \mu\text{W}$.

Test environment: Temperature: $22 \pm 3 \text{ }^\circ\text{C}$. Humidity: 30-70 % RH.

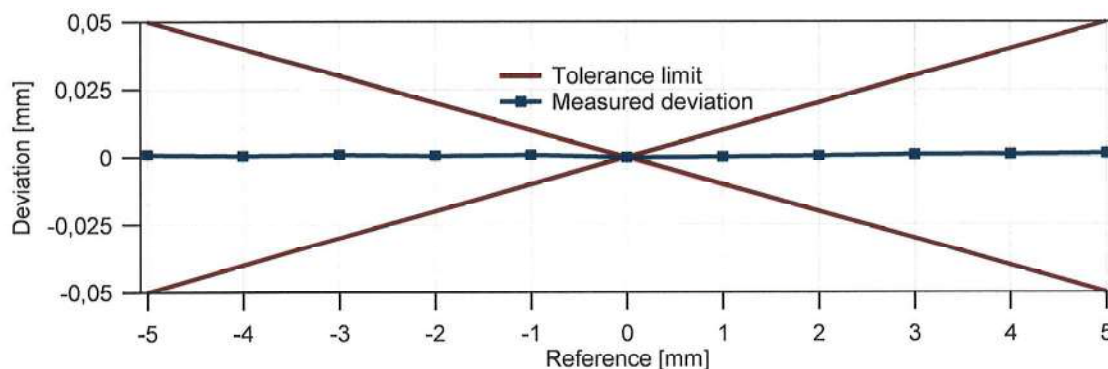
Traceability: The calibration is traceable to national or international standards.

Calibration recommendation: The user's quality system shall determine the calibration interval for the equipment. Under normal use a calibration interval of 24 months, or shorter, is recommended for all Easy-Laser products. If the equipment is used under harsh conditions a shorter calibration interval is advised depending on the conditions.

Measurement record: Vertical



Measurement record: Horizontal



Reference standard	Ref. no.	Lab	Certificate no.	Ref. calib. date
Mitutoyo indicator	INV-0322	Mitutoyo	20210040	2021-01-25
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QUALITY CERTIFICATE

Document No: **Q04474601**

Equipment: Easy-Laser® product range

Quality statement

Easy-Laser AB is ISO 9001:2015 certified. Certificate number: 900958. Easy-Laser AB confirms that our products are produced according to applicable national and international regulations and standards. The calibration of the equipment fully complies with ISO 9001:2015 §7.1.5. Each Easy-Laser® system undergoes a Factory Acceptance Test and is visually inspected prior to delivery.

Warranty commitment

Easy-Laser AB develops and manufactures the Easy-Laser® product range. The products are manufactured under our stringent quality controls. If the product is malfunctioning or stops working within three (3) years of purchase, the warranty applies with free repair or replacement of defective parts or products.

Warranty does not apply:

- If the product is handled carelessly or incorrectly.
- If the product is subjected to environment factors that exceed the product specification limits, such as temperature, moisture, shock or high voltages.
- If the product is modified, repaired or dismantled by nonapproved personnel.

Compensation for any secondary damage caused by an Easy-Laser® product fault does not apply. Easy-Laser AB is not responsible for any transport costs for equipment sent back to Easy-Laser AB for repair.

Lithium Ion battery limited warranty

A Lithium ion battery inevitably loses power during its lifetime, depending on usage temperature and the number of charging cycles. Therefore, internal rechargeable batteries in the Easy-Laser® product range are not included in our general 3-year warranty. A 1-year warranty applies for the battery capacity to stay above 70 % (after 300 charging cycles, the battery should have more than 70 % of its nominal capacity left). A 3-year warranty applies if the battery becomes unusable because of a manufacturing fault or factors that Easy-Laser AB could be expected to have control of, or if the battery displays abnormal degradation of capacity in relation to use.

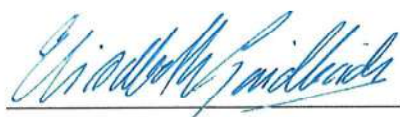
ECOM Tablet Computer limited warranty

The warranty of ECOM Tablet Computer (part no. 12-1086 / 12-1149 / 12-1196) is one (1) year.

Measurement data

It is the responsibility of the customer to make a backup of all saved data before the product is sent for repair. Resetting of saved measurement data is not covered by the warranty. Easy-Laser AB takes no responsibility for saved data that is damaged or lost during transportation or repair.

Date: 2021-04-20

**Elisabeth Gårdbäck, Quality Manager**

EU DECLARATION OF CONFORMITY

Document No: **D04474601**

Part number	Serial number(s)	Software version	Part name
12-0961	#156271	06-0148 v2.2.0 or later 06-0175 v5.1.1 or later	XT11 Display Unit

We, Easy-Laser AB declare under our sole responsibility that the above named product(s) are in conformity with the relevant Union harmonization legislation:

Radio Equipment Directive (RED) 2014/53/EU

RoHS Directive 2011/65/EU

Harmonized standards applied:

Health & Safety (Article 3.1a of the RED) EN 61010-1:2010/AMDI 2016

EMC (Article 3.1b of the RED) EN 61000-6-2:2005
EN 61000-6-3:2007/A1:2011
EN 301 489-17 v.3.1.1
EN 301 489-1 v2.1.1
Draft EN 301 489-1 v2.2.0

Spectrum (Article 3.2 of the RED) EN 300 328 v2.1.1

RoHS Directive, 2011/65/EU EN 50581:2012

Notified Body RISE Research Institutes of Sweden AB, NB 0402
Assessment of EMC and radio

Accessories:

May be bundled with products within the Easy-Laser XT-series (presented at www.easylaser.com).

Disposal of old electrical and electronic equipment

(Applicable throughout the European Union and other European countries with separate collection programs).



This symbol, found on product or on its packing, indicates that this product should not be treated as household waste when disposed of. It should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed correctly, you will help to prevent potential negative consequences to the environment and human health. For more detailed information about the recycling of this product, please contact your local city office, household waste disposal service or the retail store where you purchased this product.

Date: 2021-04-20

Elisabeth Gårdback, Quality Manager

EU DECLARATION OF CONFORMITY

Document No: **D04474602**

Part number	Serial number(s)	Software version	Part name
12-1045	#155697	06-0154 v3.0.0 or later	XT70-M Measuring Unit
12-1046	#155717	06-0154 v3.0.0 or later	XT70-S Measuring Unit

We, Easy-Laser AB declare under our sole responsibility that the above named product(s) are in conformity with the relevant Union harmonization legislation:

Radio Equipment Directive (RED) 2014/53/EU

RoHS Directive 2011/65/EU

Harmonized standards applied:

Health & Safety (Article 3.1a of the RED) EN 61010-1:2010/AMDI 2016
IEC/EN 60825-1:2014 – Laser Class 2.
(US: 21 CFR 1040.10 and 1040.11)

EMC (Article 3.1b of the RED) EN 61000-6-2:2005
EN 61000-6-3:2007/A1:2011
EN 301 489-17 v.3.1.1
EN 301 489-1 v2.1.1
Draft EN 301 489-1 v2.2.0

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