



检定证书

VERIFICATION CERTIFICATE

证书编号 HGX201203709
Certificate No.

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委托方 深圳市三恩驰科技有限公司
Client

委托方地址 深圳市南山区南新路苏豪名厦22B2
Add. of Client

计量器具名称 色差计
Description

型号规格 NH310
Model/Type

制造厂 3nh
Manufacturer

出厂编号 11223683
Serial No.

设备编号
Equipment No.

接收日期 2012 年 07 月 20 日
Date of Receipt Y M D

结论 二级合格
Conclusion qualified for grade 2

检定日期 2012 年 07 月 20 日
Date of Verification Y M D

依据检定规程, 被检仪器检定周期为 壹 年
The verification period is 1 Year (s)

批准人
Approved Signatory

核 验
Inspected by

检 定
Verified by

朱峻青
卢佳佳





说 明

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DIRECTIONS

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1. 本中心是国家质量监督检验检疫总局在华南地区设立的国家法定计量检定机构, 计量授权证书号是: (国)法计(2007)01043号、(国)法计(2007)01032号。本中心是中国合格评定国家认可委员会(CNAS)认可实验室, 认可证书号为: CNAS L0730.

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (AQSIQ) under authorization certificates No.(2007)01043 & (2007)01032. This laboratory is accredited by China National Accreditation Service for Conformity Assessment under Laboratory Accreditation Certification No. CNAS L0730.

2. 本中心所出具的数据均可溯源至国家计量基准和国际单位制(SI)。

All data issued by this laboratory are traceable to national primary standards and International System of Units (SI).

3. 本次检定的技术依据:

Reference documents for the verification:

JJG 595-2002 测色色差计检定规程 V. R. of Colorimeters and Colour Difference Meters

4. 本次检定所使用的主要计量标准器具:

Major standards of measurement used in the verification:

设备名称/型号 Name of Equipment /Model	编号 Serial No.	证书号/有效期 Certificate No. /Due Date	计量特性 Metrological Characteristic
测色色差计检定装置 Colour Difference Meter Verification Device /陶瓷	871112	GXfs2012-0865、GXf s2012-0713 /2013-04-09	U _y =0.8 (k=1) Y:0.8

5. 检定地点、环境条件:

Place and environmental conditions of the verification:

地点 委托方单位(On-site) 温度 (24±2) °C 相对湿度 (60±5) %
Place

6. 被检仪器限制使用条件:

Limiting condition of the instrument verified:

注: 1. 本证书检定结果只与受检定仪器有关。

2. 未经本所书面批准, 不得部分复制此证书。

Note: 1. The results relate only to the items verified.

2. This certificate shall not be reproduced except in full, without the written approval of our laboratory.



检定结果
RESULTS OF VERIFICATION

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1. 外观: 合格。

Appearant inspection: pass.

2. 检定结果: 见表1。

The results of verification: showed in table 1.

表 1

Table 1

示值 Indication Value			标准值 Reference Value			示值误差 Error of Indication		
X	Y	Z	X ₀	Y ₀	Z ₀	ΔX	ΔY	ΔZ
85.14	90.16	92.12	85.59	90.28	91.99	0.45	0.12	0.13
60.38	60.52	17.51	60.97	62.99	12.81	0.59	2.47	4.70
20.95	26.57	21.87	18.41	25.11	19.68	2.54	1.46	2.19
23.03	28.46	47.80	21.15	25.76	47.91	1.88	2.70	0.11
22.01	17.07	12.83	22.84	16.59	10.07	0.83	0.48	2.76
复现性 Reproducibility				重复性 Repeatability				
ΔI(X)	ΔI(Y)	ΔI(Z)	s(X)		s(Y)		s(Z)	
0.41	0.42	0.41	0.26		0.27		0.30	

说明:

Note:

1. 照明与观测条件: D65 10°

The condition of illuminance & observation: D65 10°

2. 示值误差测量结果的扩展不确定度: $U(Y)=U(X)=U(Z)=1.70, k=2$ 。

Related expanded uncertainty of measuring results: $U(Y)=U(X)=U(Z)=1.70, k=2$.

3. 依据“JJF1059-1999测量不确定度评定与表示”。

In accordance with JJF1059-1999: "Evaluation and expression of uncertainty in measurement".

4. 按规程规定:

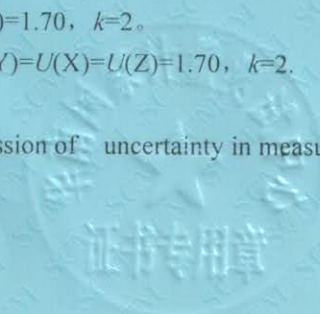
According to the verification regulation:

一级色差计: 重复性s(Y)不超过0.3,

复现性 ΔI(Y)不超过1.0,

示值误差ΔY不超过1.5;

Grade 1 colorimeters and color difference meters' MPE:





检定结果

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Repeatability: $s(Y): 0.3,$

Reproducibility: $\Delta I(Y): 1.0,$

Error of Indication: $\Delta Y: 1.5;$

二级色差计: 重复性 $s(Y)$ 不超过0.5,

复现性 $\Delta I(Y)$ 不超过2.0,

示值误差 ΔY 不超过3.0,

Grade 2 colorimeters and color difference meters' MPE:

Repeatability: $s(Y): 0.5,$

Reproducibility: $\Delta I(Y): 2.0,$

Error of Indication: $\Delta Y: 3.0.$

