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Carmanhaas. [□□ □□□□ □□ □□ □□ □□](#) □□ □□□□ □□ □□□□ □□□□□□. □□□□□□ □□□□ □□ □□□□ : □□□□ □□ □□□□ □□ □□□□ □□ □□ □□□□ □□ □□ □□□□ □□□□□□. □□ □□ □□□□ □□ □□□□ □□ □□□□ □□□□ □□ □□□□ □□□□ □□ □□□□□.

□□ □□ □□□□ □□ QBH Collimation □□, □□ □ □□ □□□□ □ F-Theta □□ □□□□ □□□□□□. QBH Collimation Module□ □□ □□□□ □□ □□ □ (□□ □□ □□)□□ □□□□□□, □□ □ □□ □□□□ □ □□ □ □□□□□ □□□□□□ F-Theta □□ □□□□ □□ □ □□□□ □□□□□□□□.

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- 1. □□ □□ □□ □ □□□ □□□□□□ No □□□□□□ □□□□□□ □□□□□□.
- 2. □□ □□□□ □□ □ □□ □□□□ □ □□□ □□□□□□.
- 3. □□ □□□□ □□□□ - □□□□□□ □□ □□□□ □□□□□□ □□□□ □□ □ □□□, □□ □ □□ □□□;
- 4. NON □□ □□□□ □□□□ □□□□□□.
- 5. □□□□□ □ □ □□□□ □□□□□□ □□□□ □□□□□□□□ □□ □□□□ □□ □□□□ □ □□□□□.

□□ □□ □□ □□□□ □□□□ □□ □□□□ **1000W** □□ □□ □□□□ □□□□ □□ □□□□



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1030nm - 1090nm f-theta □□

Part Description	Focal Length (mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance(mm)	Mounting Thread
SL-(1030-1090)-100-170-M39*1	170	100x100	8	175	M39x1
SL-(1030-1090)-140-335-M39*1	335	140x140	10	370	M39x1
SL-(1030-1090)-110-340-M39*1	340	110x110	10	386	M39x1
SL-(1030-1090)-100-160-SCR	160	100x100	8	185	SCR
SL-(1030-1090)-140-210-SCR	210	140x140	10	240	SCR
SL-(1030-1090)-175-254-SCR	254	175x175	16	284	SCR
SL-(1030-1090)-112-160	160	112x112	10	195	M85x1
SL-(1030-1090)-105-170-(15CA)	170	105x105	15	215	M85x1
SL-(1030-1090)-150-210-(15CA)	210	150x150	15	269	M85x1
SL-(1030-1090)-175-254-(15CA)	254	175x175	15	317	M85x1
SL-(1030-1090)-180-340-(30CA)-M102*1-WC	340	180x180	30	417	M102x1
SL-(1030-1090)-180-400-(30CA)-M102*1-WC	400	180x180	30	491	M102x1
SL-(1030-1090)-250-500-(30CA)-M112*1-WC	500	250x250	30	607	M102x1

□□ : * WC □□ □□□□□□ □□ □□□□ □□□□□□.

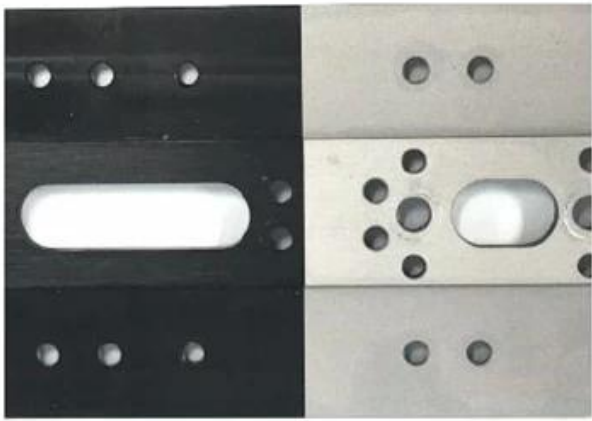
QBH Collimating □ □□ (1030nm - 1090nm)

Part Description	Focal Length (mm)	Clear Aperture (mm)	NA	Coating
CL2-(1030-1090)-30-F60-QBH-A-WC	60	28	0.22	AR/AR@1030-1090nm
CL2-(1030-1090)-30-F75-QBH-A-WC	75	28	0.17	AR/AR@1030-1090nm
CL2-(1030-1090)-30-F100-QBH-A-WC	100	28	0.13	AR/AR@1030-1090nm
CL2-(1030-1090)-30-F125-QBH-A-WC	125	28	0.1	AR/AR@1030-1090nm
CL2-(1030-1090)-30-F150-QBH-A-WC	150	28	0.09	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F75-QBH-A-WC	75	34	0.22	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F100-QBH-A-WC	100	34	0.16	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F125-QBH-A-WC	125	34	0.13	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F135-QBH-A-WC	135	34	0.12	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F150-QBH-A-WC	150	34	0.11	AR/AR@1030-1090nm
CL2-(1030-1090)-38-F200-QBH-A-WC	200	34	0.08	AR/AR@1030-1090nm

如何防止鋼材表面生銹？

鋼材表面生銹是鋼材在自然環境中長期暴露的結果。鋼材表面生銹不僅影響鋼材的美觀，更嚴重的是會降低鋼材的強度，縮短鋼材的使用壽命。因此，如何防止鋼材表面生銹，是鋼材行業的一個重要課題。本文將從鋼材生銹的原因、防止鋼材生銹的方法以及鋼材防腐塗料的選擇等方面進行詳細介紹。





BEFORE

AFTER



BEFORE

AFTER



BEFORE

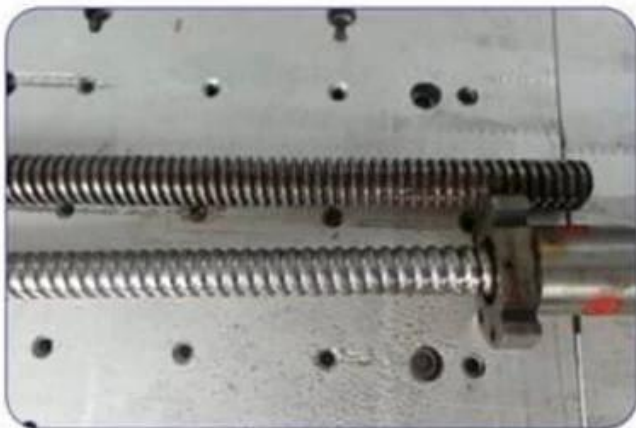
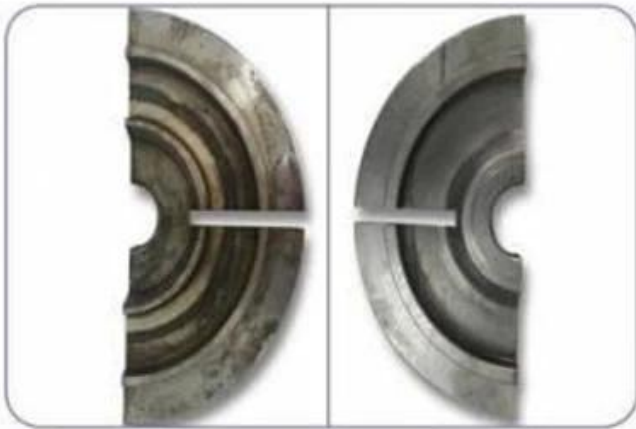


AFTER



BEFORE

AFTER









重要仪器,
非专业人士勿动。

OptiCentric 300

TRIOPTICS





PerkinElmer Lambda 950---Testing Transmission and Reflectivity







C E R T I F I C A T E

ATTESTATION CERTIFICATE OF MACHINERY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully. 2006/42/EC Machinery Directive and 2014/35/EU Low Voltage Directive have been taken as references for these processes

Company Name : **Camnan HAAS Laser Technology (Suzhou) Co., Ltd.**

Company Address : No 155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu , P.R.China

Related Directives and Annex : **Low Voltage Directive 2014/35/EU
Machinery Directive 2006/42/EC**

Related Standards : **EN ISO 12100:2010; EN 60204-1:2006+A1:2009+AC:2010**

Product Name : **Laser Marking Machine**

Report No and Date : SD-90049717:09.08.2018

Product Brand/Model/Type : LMCH-3W,LMCH-5W,LMCH-10W,LMCH-15W,LMCH-20W,LMCH-25W,
LMCH-30W,LMCH-50W,LMCH-60W,LMCH-70W,LMCH-100W,
LMCH-120W,LMCH-150W,LMCH-200W,LMCH-300W,LMCH-500W

Certificate Number : **M.2018.201.N6073**

Initial Assessment Date : 10.08.2018

Registration Date : 13.08.2018

Reissue Date/No :

Expiry Date : **12.08.2023**

U. Bayraktar
UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)
Address: Mulkikent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TÜRKİYE
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 70
E-mail: info@udemtd.com.tr www.udem.com.tr



Certificate of Approval

Certificate No.: 10119Q12565ROM

Awarded to

**Carman Haas Laser Technology(SuZhou)
Co., Ltd.**

Organization Code Certificate No. / Unified Social Credit Code:91320594M1MF4EP56
Add.:No.155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu Province, P.R. China. 215000

Beijing ZhongLian TianRun Certification Center (ZLTR) certify that the
Quality Management System of the above organization has been assessed and found to be
in accordance with the requirements of the standard:
GB/T19001-2016 / ISO9001:2015

SCOPE OF CERTIFICATION/REGISTRATION
The Research and Development and Production of Optics Lenses (Except the limits of
national laws and regulations.)

This certificate is made valid when used with certification scopes and the requirements of applicable
laws and regulations. These requirements include, but are not limited to, administrative permits,
scopes of qualifications, and CCC requirements.

Subject to operation conditions in requirements conformity with Quality Management System,

This Certificate is valid for a period of three years only,
Date from: Mar 13th, 2019 To: Mar 12th, 2022

The effectiveness of this Certificate shall be Validated by periodic surveillance audit
of ZLTR for maintenance.

Information of this certificate can be found on the official website of Beijing Zhonglian Tianrun
Certification center (<http://www.zltr.com.cn>)

ISO 9001

ISO 9001



Beijing Zhongliantianrun Certification Center

Room2603, 22nd Floor, 2nd Unit, Block 1, No.4 Yard, Qiyang Road, Chaoyang District, Beijing, P.R. China 100102

Information of this certificate can be found on the official website of Certification and Accreditation Administration of the People's Republic of China (<http://www.cnca.gov.cn>)





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- 1 問) 〇 〇〇〇 〇〇〇〇 〇〇〇〇〇〇。
- 2 問) 〇〇〇 〇〇〇 〇〇 〇〇〇 〇 〇〇 〇〇 〇〇〇〇〇〇。
- 3 問) 〇〇〇 〇〇〇〇 〇〇 〇〇〇 〇〇〇〇〇。
- 4 問) 〇〇 〇 〇〇 〇〇 〇〇〇 〇〇 〇〇〇 〇〇〇〇〇。

問 問:

- (1) 〇〇〇 〇〇 〇〇 〇〇〇 〇〇 DHL, UPS, FedEx, TNT, EMS, ETS 〇 〇〇〇 〇 〇〇〇〇。
- (2) 〇〇〇〇〇〇〇〇〇〇〇〇, 〇 〇 〇〇〇〇~〇〇〇〇〇 〇〇~〇 〇〇〇〇〇〇〇 〇〇FOB, CNF, CIF. 〇 〇〇〇〇〇〇~〇 〇〇〇〇〇〇〇〇 〇〇〇〇〇〇〇〇〇〇〇〇〇〇〇〇 〇。



Q1. 〇〇〇〇〇〇?

A1 : 〇, 〇〇〇 〇〇 〇〇〇 〇〇 〇 〇〇 〇〇〇 〇〇 〇〇〇〇〇 〇〇 〇 〇〇〇〇〇〇〇。

Q2. 〇〇〇 〇〇〇 〇〇〇〇?

A2 : 〇〇〇 〇〇〇〇 QC 〇〇 〇〇 〇〇〇 〇〇〇 〇〇〇〇 〇〇 〇〇 〇, 〇〇 〇〇 〇 〇〇〇 〇〇〇〇 〇〇〇 〇〇〇 〇〇〇〇〇。

Q3. 〇〇〇 〇〇〇〇〇?

A3 : 〇〇〇 〇〇 〇〇〇〇 〇〇 〇〇〇〇 〇〇 〇〇〇〇〇 〇〇〇 〇〇〇〇〇。

Q4. 〇〇〇 〇〇〇 〇〇〇 〇〇〇〇?

A4 : 〇〇〇 〇〇〇〇〇 〇〇 〇〇 〇〇 〇〇〇〇 〇〇 〇〇〇 〇〇 〇〇, 〇〇, 〇〇 〇〇 〇 〇〇 〇〇〇〇〇。 〇〇〇〇〇。

Q5. May MARKING 〇〇〇 〇〇〇〇〇 〇〇 〇〇〇 〇〇〇 〇?

A5 : 〇! 〇〇〇 〇〇〇 〇〇〇 〇〇〇〇 〇〇〇〇〇 〇〇 〇〇〇 〇〇 〇〇 〇 〇〇〇〇。

Q6. 〇〇〇 〇〇 〇 〇 〇〇〇?

A6 : 〇, 〇〇〇 〇〇〇 〇〇〇 〇〇〇 〇〇〇〇 〇〇 〇〇〇〇〇。

Q7. OEM 〇〇 ODM 〇〇〇 〇〇〇 〇 〇 〇〇〇?

A7 : 〇〇 OEM / ODM ORD 〇〇 〇〇 〇〇〇 〇〇ers. 〇〇〇 〇〇〇〇 〇〇〇〇〇 〇〇〇〇 〇〇 〇〇 〇〇〇〇〇。

Q8. 〇〇〇 〇〇〇 〇〇〇〇〇?

A8 : 〇 〇〇〇 〇〇〇 〇〇〇 〇〇 〇〇 〇 MOQ 〇〇〇 〇〇〇 T / T 〇〇 〇 〇 〇〇〇〇。