

**A.R.C.
LASER**

enlighten your surgery.



Q-LAS

THE STANDARD LASER
FOR IRIDOTOMY AND
CAPSULOTOMY
IN YOUR DAILY
ROUTINE

LASER...INNOVATION
MADE IN GERMANY

www.arclaser.de info@arclaser.de

Q - L A S

Capsulotomy - Iridotomy

Sleek columns – more legroom

Q-LAS, Nd:YAG Laser Stable base for all your treatments

Ergonomics
in form and
function

Anti collision system

Compartment for all
connections

Electronic
height adjustment
up to 990 mm

Stable and slim design,
wheelchair accessible

Spacious legroom

The compact
system combines
laser, table and
slit lamp - wheels
are available on
request.

to
920
mm

720 mm

580 mm

Dual spot focus
SAFE FOCUS ALIGNMENT

Pulse energy head up display*
SURGEONS EYES STAY FOCUSED

Perfect view
CONTROLLED SURGERY

* This accessory is optional,
and available on request only.



Premium eye safety

As a standard, our Q-LAS is equipped with a sharp selective safety filter for:

- true color
- detailed resolution

Your choice:

- brand contact glasses
- the optics:
parallel-/convergent

Joystick

Height adjustment,
slit lamp mobility and
laser trigger in one

Q-LAS ADVANTAGES

quick & easy to focus

Clever details for more comfort

Burst
mode

Continuous
energy levels from
0.5 to 10 mJ

Prominent
buttons, clear,
bright display

Controller

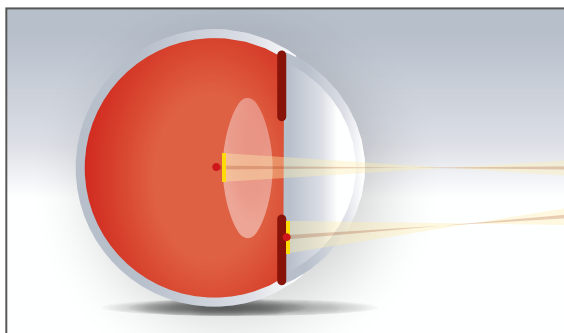


Choose your
favorite
eye piece:

Either conver-
gent or parallel
optics.

Slit lamp PCL5 Z

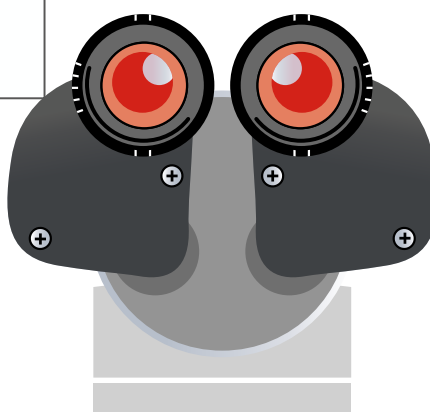
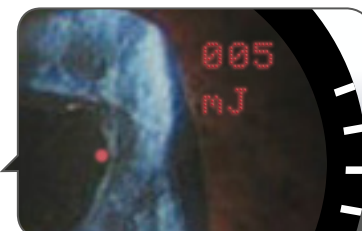
Specially coated optics with parallel
or convergent tube provide a detailed
view into the anterior segment



The **Neutral Color Design** protection
filter is permanently installed.

Head-up Display (optional)

Check all the necessary values
at a glance - without taking
the eyes from the eyepiece.



A.R.C.
LASER

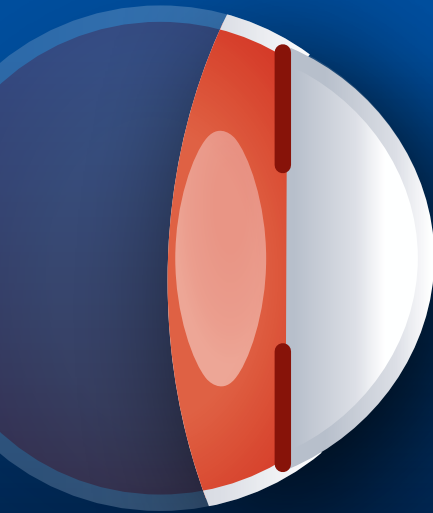
Q-LAS + PCL5

The perfect optic for capsulotomy and iridotomy

A.R.C.
LASER

PCL5 Z

Designed for the
anterior segment



Q-LAS

The Nd:YAG laser
for you.



Are you looking for the special and reliable solution for secondary cataract surgery?

The Nd:YAG laser Q-LAS with PCL5 slit lamp leaves little room for alternatives.



DualSpot-Focus for
perfect focussing



Ergonomic handling with
prominent buttons



Vertical offset of the slit illumination
for a larger visual field

Q-LAS combines economics, ergonomics
and longevity in an innovative DESIGN.

A.R.C. LASER PORTFOLIO

World's fastest SLT

KTP: small and portable

Nd:YAG with DualSpot

MORE OPTIONS: VARIO.

2 high-class lasers on one table.

Nd:YAG +
KTP laser



SLT +
KTP laser



SPECIFICATIONS

ND:YAG LASER Q-LAS

Laser Wavelength	Q-switched, Nd:YAG, 1064 nm,
Output Energy (Laser)	0.5 mJ to 10mJ - Single Pulse
Therapy beam pulse settings	0.1 mJ steps from 0.5 mJ (< 4 ns) Burst mode 1, 2 or 3 Pulses Cone angle 16°, Spot size < 10 µm Defocussing 150/300µm, posterior
Beam Delivery	Coupling in slit lamp
Display / Control	LED Interface
Cooling	Internal, air
Aiming Beam	635 nm red < 1mW, adjustable
Power Requirement	100-240 V AC, 47/63 Hz, 90 VA
Weight / Dimensions with table and slit lamp	50 kg HWD < 99 cm / 100 cm / 58 cm
Laser classification EN 60825-1	Therapy beam: 3B Aiming beam: 2

Alterations of the described features or pictured features are possible. Please keep updated on the current status before ordering.

Subject to change without notice. © A.R.C. Laser 2020.

Risks and warnings:

Q-LAS is intended solely for use by trained physicians.

YAG laser: contraindicated for eyes with corneal pathologies and chronically elevated IOP. Risks include IOP rise, macular edema and retinal detachment. Refer to the operator manual for a complete list of intended use, contraindications and risks.



VISIBLE AND INVISIBLE LASER RADIATION

Avoid direct irradiation of eye or skin or scattered radiation.
laser class: see technical specifications





Product Service

EC Certificate

Full Quality Assurance System

Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)
(Devices in Class IIa, IIb or III)

No. G1 18 02 02848 003

Manufacturer:**A.R.C. Laser GmbH**

Bessemerstr. 14

90411 Nürnberg

GERMANY

**Facility(ies):**

A.R.C. Laser GmbH

Bessemerstr. 14, 90411 Nürnberg, GERMANY

**Product
Category(ies):****Therapeutic and surgical lasers and associated
sterile laser contact probes and sterile bare fibers**

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. See also notes overleaf.

Report No.:

713127554

Valid from:

2018-07-01

Valid until:

2023-06-30

**Date,** 2018-04-24

Stefan Preiß

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

Page 1 of 1



Certificate

No. Q5 002848 0004 Rev. 01

Holder of Certificate: **A.R.C. Laser GmbH**

Bessemmerstr. 14
90411 Nürnberg
GERMANY

Facility(ies):

A.R.C. Laser GmbH
Bessemmerstr. 14, 90411 Nürnberg, GERMANY

Design and development, manufacturing,
installation and service of therapeutic and
surgical lasers and associated laser contact
probes and bare fibers as well as slit lamps

Certification Mark:



Scope of Certificate:

**Design and development, manufacturing,
installation and service of therapeutic and
surgical lasers and associated laser contact
probes and bare fibers as well as slit lamps**

Applied Standard(s):

EN ISO 13485:2016
Medical devices - Quality management systems -
Requirements for regulatory purposes
(ISO 13485:2016)
DIN EN ISO 13485:2016

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). All applicable requirements of the testing and certification regulation of TÜV SÜD Group have to be complied with. For details and certificate validity see:

www.tuvsud.com/ps-cert?q=cert:Q5 002848 0004 Rev. 01

Report No.: 713202771

Valid from: 2021-07-16

Valid until: 2024-06-30

Date, 2021-07-16

Christoph Dicks
Head of Certification/Notified Body

KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY



Name und Adresse der Firma
Name and address of the firm

ARC Laser GmbH
Bessemerstr. 14
90411 Nürnberg
Germany

Wir erklären in alleiniger Verantwortung, dass / We declare under our sole responsibility that
das Medizinprodukt
the medical device

Q-Las

Q-switched Nd:YAG laser 1064 nm

Produktkombination / in combination with
der Klasse / of class

Spaltlampe PCL5, Hersteller: A.R.C. Laser GmbH; Klassifizierung I
Slit lamp PCL5, Producer: A.R.C. Laser GmbH; of Class I

II b, Regel 9 / II b, rule 9

Nach Anhang IX der Richtlinie 93/43/EWG /
according to annex IX of direct. 93/42/EEC

Laserklasse / laser classification
UMDNS

3B
16-947

allen Anforderungen der Medizinprodukte-Richtlinie 93/42/EWG entspricht, die anwendbar sind /
meets all the provisions of the directive 93/42/EEC which apply to it.

Angewandte harmonisierte Normen, nationale
Normen oder andere normative Dokumente

Dem Gerät wurden die betreffenden harmonisierte
Normen gemäß der Richtlinie 93/42/EWG Anhang I
zu Grunde gelegt.

Applied harmonised standards, national
standards or other normative documents

The device is based on the relevant harmonized
standards of Directive 93/42/EEC Annex I

Konformitätsbewertungsverfahren
Conformity assessment procedure

MDD 93/42/EEC, Anhang II ohne (4)
MDD 93/42/EEC, Annex II excluding (4)

Konformitätsbewertungsstelle (falls beigezogen)
Notified Body (if consulted)

TÜV SÜD Product Service GmbH (CE 0123)
Ridlerstraße 65 / D-80339 München / Germany

Zertifikats Nr. / Registration No.
gültig bis / Valid through

G1 1802 02848 003
30.06.2023

Nürnberg, 19.07.2018
Ort, Datum / Place, date

A.R.C. Laser GmbH
Bessemerstraße 14
90411 Nürnberg
Tel. 09 11 / 21 779-0
Fax 09 11 / 21 779-99
M. Barten, QMB
Name und Funktion / Name and function