



a1 medical

OPHTHALMOLOGY

QUALITY PRESENTATION - 2021

Quality does not only mean ...

how your product is looking like

or

how longlasting your product is

... it also means ...

what kind of first impression are you, the product and the brand giving and achieving

how are you presenting and promoting the products

what kind references, verbal and non-verbal, touchable, visible and provable arguments do you have for making your product and its quality and advantages different to the competitors

... You can proudly stand behind the arguments that you are using for a1 medical products, because they are all true.

FIRST OF ALL

We are doing our utmost for not just fulfilling but also for exceeding the quality requirements and standards

«We are not CHEAP but CHEAPER»

Your customers will be provided by AT LEAST the same or even a higher quality standard, compared to the main competitors

LIFETIME WARRANTY

Those are some of the main reasons why we are granting for our products ...

...A LIFETIME WARRANTY

against defects caused by wrong production or materials (does not apply to repairs)

We are fully aware of what and especially how we are producing and reaching our extremely high quality. The lifetime warranty is a symbol of trust in our own performance

The products of a1 medical GmbH are, with only a few exceptions (Europe, USA,) ...

"Made in Germany"

... and for this reason, of course labelled with ...

MADE
IN
GERMANY

"Made in Germany"

... see the following example ...



MADE
IN
GERMANY

Why is "Made in Germany" so important for a1 medical?

Mainly because we are able to use it!!!

It indicates the origin of the goods

No one of our German competitors are using it

Made in Germany still stands for extraordinary high quality

Who is, per law, able or allowed to use "Made in Germany"

You have to be, in case of a visit of authorities, able to present them all proves that your product has been manufactured in Germany

What is mostly used by our German competitors?

... "Stainless Germany" or only "Germany"

... so why not "Made in Germany"

a1 medical GmbH manufactures ...

in Germany

by using only and strictly German Raw Materials and
using ultra-modern and precise machinery and
skilled and trained personal

... processing all requirements, like

choosing the right material for the type of product
tempering, polishing, etc.

with a1 medical GmbH you are able to ...

... touch the quality and

... to talk to the quality, which is still partially handmade



WE REMEMBER

Nachstehend finden Sie die Zusammensetzungen und Legierungen der Materialien, aus denen die Instrumente der a1 Medical GmbH, nach DIN 58298-2010 und DIN EN ISO 7153-1, gefertigt sind und somit die DIN EN ISO 13402:2001-2 erfüllen.

Weitere Materialien / Other Materials	Silver, Platinum, PTFE, Silicone, Tungsten-Carbide, Copper, Gold, Diamonds, PPSU, VMQ70, lead, Ceramic Coating (AlTiN), POM, EPDM 70, Loctite M-121 HP Hysol, PEEK, Quarzglas, N-BK7, Board, CNS 10/10 e-pol, Polyamid 6, PVC, Paper, Plastic, PSU.
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Bemerkung / Remark	Die Instrumente von a1 medical sind Silikonfrei. The instruments of a1 medical are free of Silicone.
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Information	Um im Detail zu sehen, welches Material bei welchem Produkt verwendet wird, siehe Produktlist. / To see in detail, which material is used for which product, see product list.
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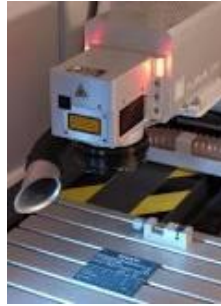
Ursprung der Rohware /

FINISHING

MADE IN GERMANY

a1 medical GmbH is finishing the products through ...

... working under a microscope with up to 25x magnification



We are manufacturing ophthalmic micro surgical instruments, which have to fulfill and meet the highest requirements on profession and precision



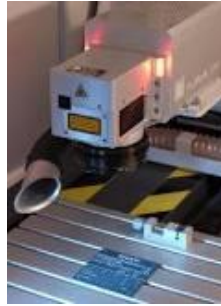
Any mistake will surely be visible as the surgeon is using a microscope, too



MADE IN GERMANY

a1 medical GmbH is finishing the products through ...

... Electro-Polishing



Electro-Polishing is ...

FINISHING



... an electrochemical process that removes material from a metallic workpiece, reducing the surface roughness by levelling micro-peaks and improving the surface finish

This is not a final finish but one of the steps done to all our instruments during the manufacturing process

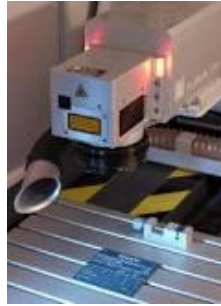


MADE IN GERMANY

a1 medical GmbH is finishing the products through ...

... Laser Marking

The Laser Marking is done by a Trumpf laser marker.



FINISHING

On request any customer request can be labelled on the instrument in addition to our standard, which is ...

- a1 logo
- Made in Germany
- Item Code
- CE with number of notified body
- Data Matrix Code (GS1-based, UDI-conform and including the humanly readable version)



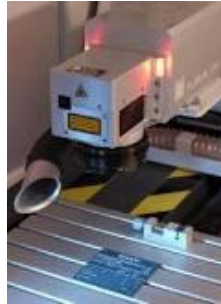
All our products are labelled by a laser. Additional labelling depends also on the available space on the instrument

FINISHING

MADE IN GERMANY

a1 medical GmbH is finishing the products through ...

... Passivation



Passivation means ...



a higher concentration of chrome (Cr) and chromium-oxide (CrO_2) on the surface is achieved by the anodizing citric acid bath, which leads to a significantly improved passive layer

This improved molecular surface is more resistant against chemical attacks during the maintenance process and assures a significantly improved corrosion protection as well as a longer life time

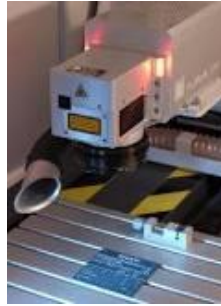


The passivation for all a1 medical products is done by a validated cleaning, passivation and drying machine

MADE IN GERMANY

a1 medical GmbH is finishing the products through ...

... Ceramic Coating



It consisting of ALTiN, applied in a magnetron sputtering process and is giving the products ...



- a 10 times higher surface hardness
- a higher resistance against mechanical and chemical stress
- reduced reflections of the microscope light
- better sliding properties
- a higher resistance against corrosion
- easier maintenance

The ceramic coating is not done as a standard, but some standard products are already available with ceramic coating. Any additional product is/ can be available with ceramic coating on request



FINISHING

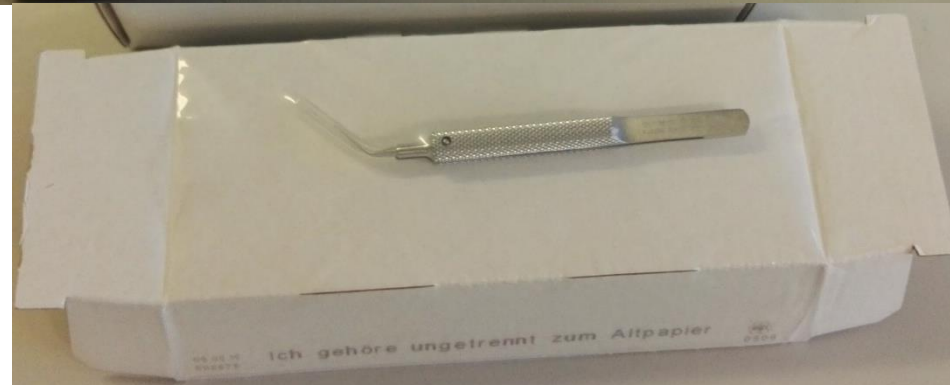
«First impression counts»

Our packaging gives a qualitatively high and at the same time safe impression

Cheap products are packed cheaply. High quality and expensive products are packed with care and are transferring the Corporate Identity to each customer.

It would be a damage to the CI, if expensive products would be packed cheaply.

PACKAGING



MADE IN GERMANY

a1 medical GmbH is ...

offering

and

inviting

INVITATION

you and your most valuable, most potential as well as your most critical and hard and difficult to convince customers to come to Germany for visiting the manufacturing facilities and to convince them by this activity about a1 medical and our outstanding quality

MADE IN GERMANY

The products of a1 medical GmbH ...

are of the highest available quality standards

have a lifetime warranty

are manufactured in Germany by fulfilling the highest requirements

are labelled with "Made in Germany"

are packed with care

a1 is also keeping the doors open for your customers to, not only listen and see some of the arguments but also to touch and talk to the quality and to convince themselves by their own

QUALITY
CONCLUSION

THANKS



THANK YOU
FOR YOUR
ATTENTION!