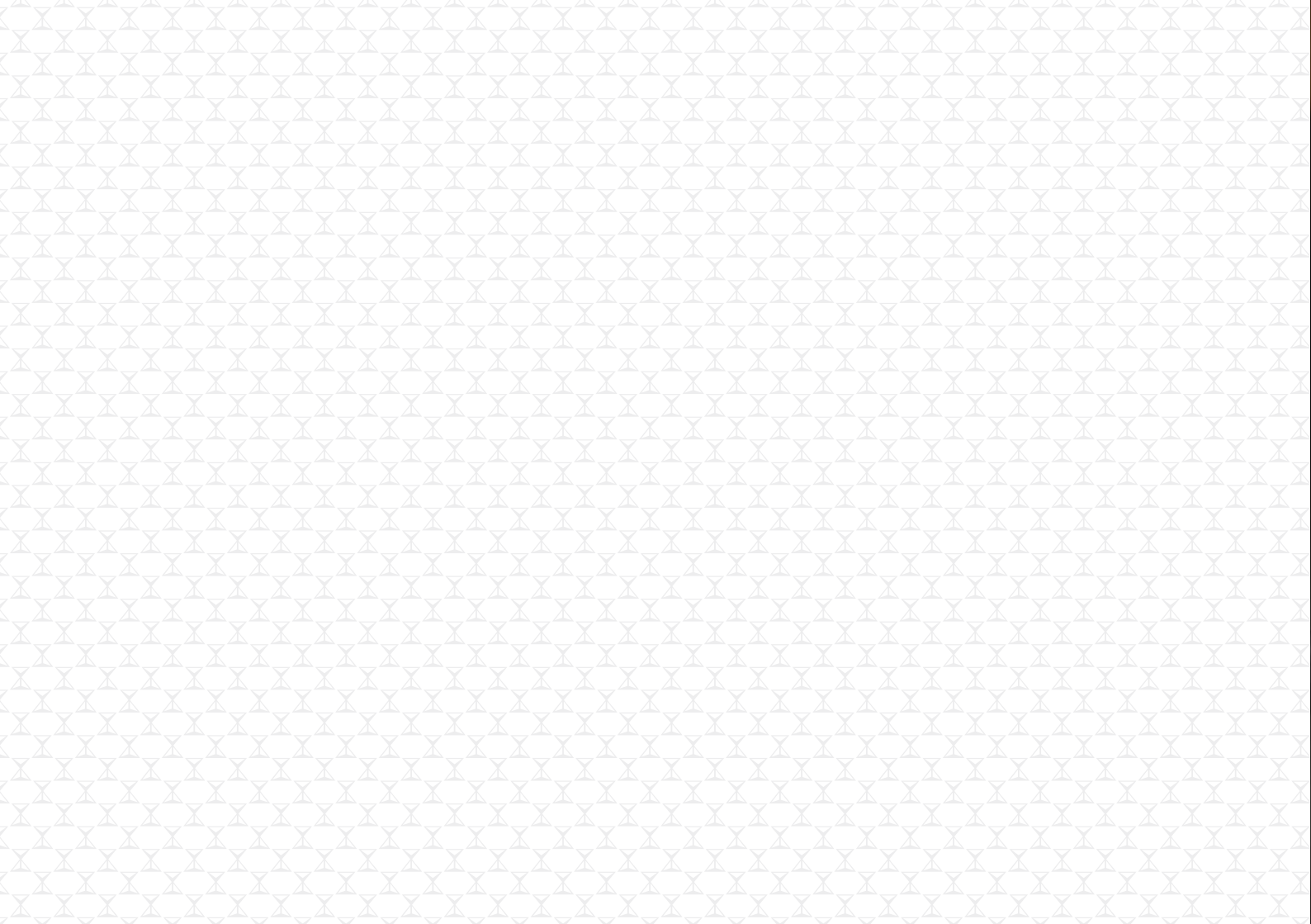
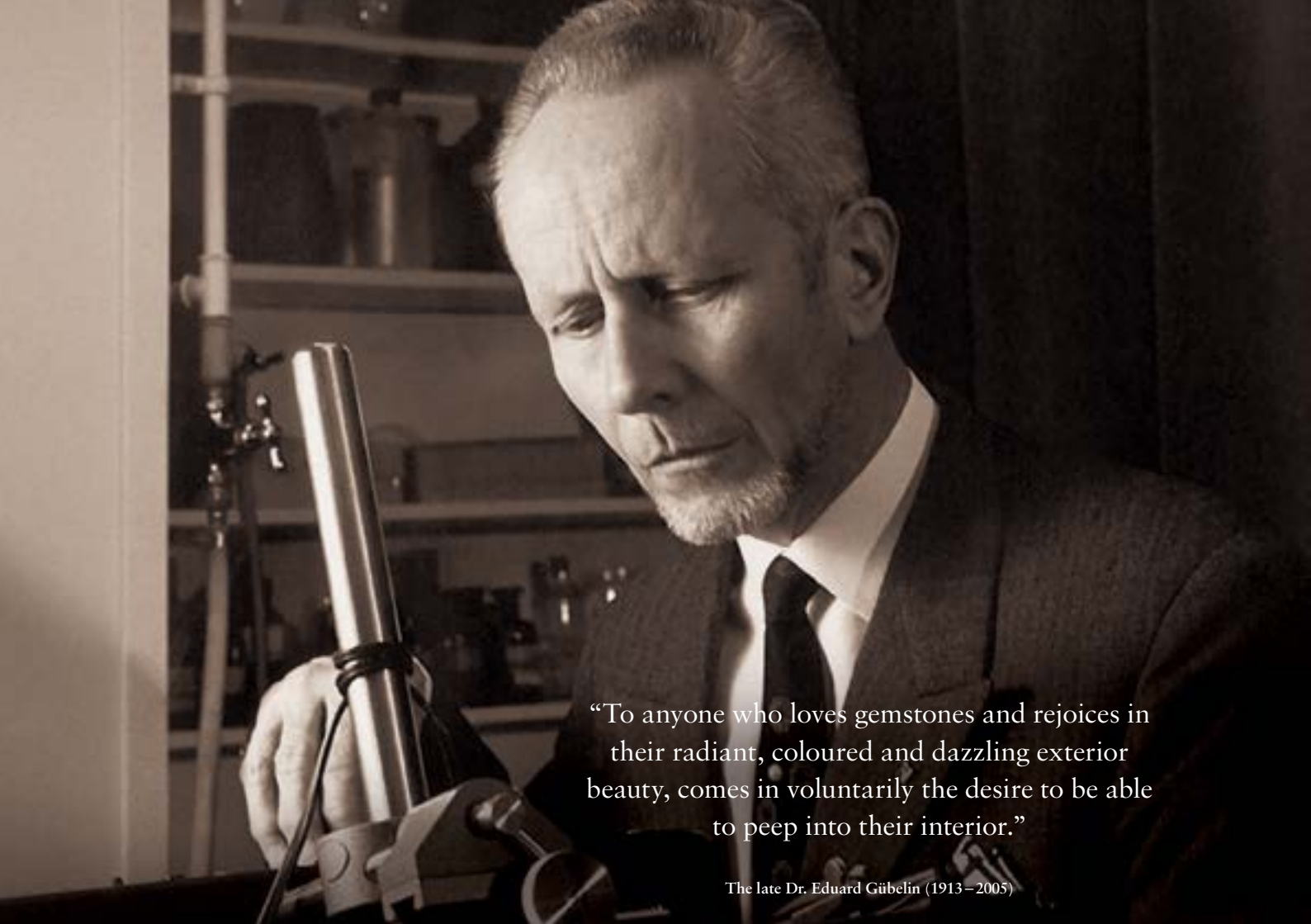


GÜBELIN GEM LAB



GÜBELIN





“To anyone who loves gemstones and rejoices in their radiant, coloured and dazzling exterior beauty, comes in voluntarily the desire to be able to peep into their interior.”

The late Dr. Eduard Gübelin (1913–2005)

SINCE 1923

The roots of the Gübelin Gem Lab go back to 1923. Under the aegis of Eduard Josef Gübelin, it has grown from a small gemmological laboratory examining and determining the authenticity of gemstones used in the Gübelin family's jewellery pieces, into one of the most respected institutions of its kind in the world.

A completely independent subsidiary of the Gübelin Group, the Gübelin Gem Lab uses the latest science and state-of-the-art equipment to carry out its analyses. On the basis of this it issues its highly respected Gemmological Reports, which are relied upon by famous auction houses, royal families, jewellers, gem traders, and collectors globally who are looking for unbiased, independent and absolutely trustworthy opinions about their gems.

STATE-OF-THE-ART TECHNOLOGY

The Gübelin Gem Lab stands at the forefront of gemmological research and makes use of the most advanced technologies in the field of chemical and spectroscopic analyses of gemstones. The intense use of various analytical technologies for the past decades has allowed the Gübelin Gem Lab to develop methods which serve as industry standards today.

A significant part of the annual R&D budget is dedicated to the evaluation of new analytical technology and techniques. In cooperation with universities and manufacturers of equipment, we closely monitor the developments in the areas of earth sciences, chemistry, physics, material sciences and related fields, always striving to get more and better information from the gemstones.



THE EXPERTS

The Gübelin Gem Lab team consists of highly qualified and experienced specialists, each is trained specifically in his or her field of work, such as gemmology, the operation of analytical instruments – even gemstone photography. Every gemmologist has a degree in an Earth Science (Geology, Mineralogy, Crystallography, Geography and so forth) complemented by a degree in Gemmology and completes an intensive two to three years' internal training programme before reaching the level of expertise that enables them to append their signatures to a Gübelin Report.





SERVICES

GEMMOLOGICAL REPORT

As a gemmological laboratory we engage in analysing and interpreting the scientific characteristics of gemstones. We disclose this information to our clients and the trade in our Gemmological Reports. Further to this, the insights gleaned from our research are disseminated by means of publications as well as presentations published in scientific journals for an academic audience, and in magazines and news journals for the gemstone trade professional, the retailer and the broader public.



GEMMOLOGICAL PROFILE

Besides the regular Gemmological Reports, the Gübelin Gem Lab offers the Gemmological Profile. A more comprehensive document, providing background information on the type of gemstone, its history and identity, its authenticity and origin as well as individual images of the gem's inclusions. It also contains analytical details and an insight into the microscopic, chemical and/or spectroscopic data the experts at the Gübelin Gem Lab have gathered on that specific stone. A truly innovative product, the Gemmological Profile mainly caters to the end consumer.





GEMMOLOGICAL PORTRAIT

Gemstones of exceptional quality deserve more than just the standard Gübelin Gem Lab report. For that reason, some of the most outstanding gemstones tested at the Gübelin Gem Lab feature an appendix emphasising the rarity and quality of the stone, going beyond the sober scientific analysis of the gemstone report. Among the stones that earn a Gübelin Gem Lab appendix, some exhibit such outstanding qualities that they surprise even our most seasoned experts. For these exceptional treasures, the Gübelin Gem Lab has introduced the GemPortrait: a custom-built book, meticulously crafted and carefully written to merit only the most extraordinary gemstones. For a gemstone to qualify for a Gemmological Portrait, requires the unanimous consensus of all Senior Gemmologists at the Gübelin Gem Lab, in addition to the fulfilment of a range of the most stringent quality criteria. The number of copies of each monograph is restricted to a maximum of four.





GÜBELIN GEMSTONE RATING

The Gübelin Gemstone Rating assesses the quality, rarity and salience of a specific gemstone and translates these attributes into a simple number: the Gübelin Points. It gives meaningful orientation for privates and for professionals who wish to get a comprehensive ranking for their gemstones, in particular as the trade and the consumers become more digital and cannot physically see and touch them.

The Gübelin Gemstone Rating can be applied to the major types of high-value coloured gemstones. The rating procedure assesses different characteristics of the gemstone that contribute to its beauty, the rarity and the attractiveness.

Only natural (i.e. non-synthetic) and transparent gemstones that are either faceted or polished qualify for the rating system. Gemstones which have been subjected to common treatments (e.g. traditional heating, clarity enhancement) can also be rated.

The assessed characteristics yield an overall rating on a scale of 75 to 100 Gübelin Points.



JEWELLERY PASSPORT

Developed for pieces of jewellery typically featuring multiple gemstones and often containing gemstones of different types, the Gübelin Gem Lab introduced its Jewellery Passport in August 2019.

The Jewellery Passport describes a selection of identifying characteristics observed in gemstones. Among the latter the amount and type of gemstone, the shape as well as the weight as indicated by the client or as engraved in the jewel.

The findings indicated in a Jewellery Passport merely reflect the state of the jewel as well as the gemstones at the time of examination and are not exhaustive.



GEM PASSPORT

The Gübelin Gem Lab offers the Gem Passport for small rubies, blue sapphires and emeralds. This service uses Gemtelligence™, the deep-learning software developed by the Gübelin Gem Lab to interpret analytical data. Gem Passports are based on a fully automated evaluation of analytical data, including spectra and chemical composition, collected from a gemstone. Visual inspection by a trained gemmologist is limited to a brief plausibility check.

A Gem Passport contains the main identification characteristics of a gemstone, including its species and variety, country of origin and a simplified disclosure of its treatment status. It is offered at a highly competitive price.

Due to its reduced testing protocol and innovative method of data evaluation, the Gem Passport differs from a standard Gübelin Gemmological Report.





OUR EXPERTISE AT YOUR SERVICE

Submit your gemstones for examination at one of our laboratories



Scan to
place an order



GÜBELIN ACADEMY

Keen to share its expertise with a wider audience, Gübelin founded the Gübelin Academy in Hong Kong in 2013. Today, the Academy offers courses in numerous locations around the world, including Bangkok, Dubai, New York, Shanghai, and Switzerland.

Inspired by one of the world's most renowned gemmologists, Eduard Joseph Gübelin, the Gübelin Academy is dedicated to sharing the company's longstanding expertise while fostering passion, emotion, and knowledge within the fascinating world of coloured gemstones.

Designed for professionals, enthusiasts, and connoisseurs alike, the Academy offers a series of modular programmes that provide a unique fast-track journey into the captivating world of coloured gems.



PROVENANCE PROOF

The Provenance Proof initiative, established by the Gübelin Gem Lab, is the umbrella brand of a bundle of technologies with the combined aim to bring transparency into the gemstone industry. All solutions and services developed and offered under the Provenance Proof brand are available to the entire industry. Provenance Proof is an entity separate of the Gübelin Gem Lab, to grant the required independence. While the Emerald Paternity Test uses physical tracers to identify the mine's information, another major project of the Provenance Proof initiative pursues the complementary approach of a digital track of a gemstone along the value chain; the Provenance Proof Blockchain creates a digital, decentralized logbook based on blockchain technology that records individual peer-to-peer transactions, creating a virtual ledger secured through cryptography. These two different methods almost perfectly complement each other, and can be used in combination or separately.



PROVENANCE
PROOF

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