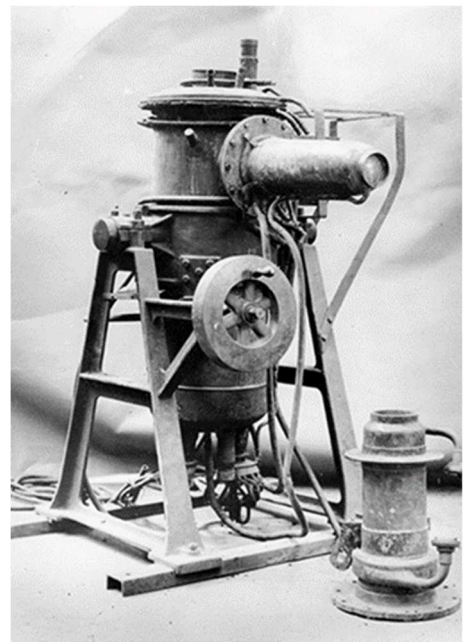


## A century full of innovations VACUUMSCHMELZE celebrates anniversary

HANAU - It all began with an ingenious idea by Dr Wilhelm Rohn, head of the Physical Experimental Laboratory at W. C. Heraeus GmbH in Hanau. In 1913, he developed a process for melting metals in a vacuum. The aim was to replace precious metals such as platinum or rhodium, which were in high demand on the world markets and therefore expensive, with cheaper non-precious metals such as chrome-nickel alloys.

The new vacuum melting process made it possible to produce temperature measurement devices much more cheaply and in larger quantities and with the same requirement profile for the material properties. Dr. Rohn and his team were also researching pure, clean iron to replace the increasingly scarce copper.

The outbreak of the First World War in 1914 put a stop to further development work, and it was not until 1917 that the Heraeus engineers were able to resume their experiments. Just one year later, the "Process for the Vacuum Melting and Tempering of Metals and Alloys" was patented under the number DE345161. It was only a matter of time before an independent company was set up to produce vacuum-melted non-precious metals.



On 01.07.2023, VACUUMSCHMELZE (VAC) will celebrate its 100th birthday, a day to look back, but also to look forward to the future. Many challenges have been mastered and new products developed over the years. The goal has always been to be smaller, lighter, more efficient and more sustainable than others. In the course of the company's history, these efforts have already been recognized several times with awards, and in 2022 the development achievements were even honored with two awards at once - VAC received the Hessian State Prize for Energy for environmentally friendly cooling with CALORIVAC® and the "Hessen Champion" award in the category of world market leader for the material VITROPERM®, which enables groundbreaking products for electromobility, photovoltaics and a variety of other applications. With all the current trends in development, be it renewable energy, electromobility or smart production, we enable our customers to push technical boundaries with their products and make the world a better place.



July. Musical entertainment was provided by the VAC company choir and two bands, Pfund and Revolte Tanzbein. The evening ended with an impressive drone show.

Reason enough for a celebration to which, in addition to the employees and their families, the Lord Mayor of Hanau Claus Kaminsky and the granddaughter of the company founder Dr. Grit Berner-Rohn were invited. In their speeches, both emphasized the innovative spirit, the developments of VAC and the incomparable team spirit of the VAC family.

The approximately 4,500 guests enjoyed a relaxed day with delicious food and drinks on Saturday, 1

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VACUUMSCHMELZE (VAC) is among the world's most highly innovative developers of magnetic materials, inductive components and other related products. With a global network of Sales and Field Application Engineers, VAC designs and manufactures tailor-made solutions for a wide variety of industries, comprising renewable energies, automotive, industrial automation installation technology, and aviation.

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