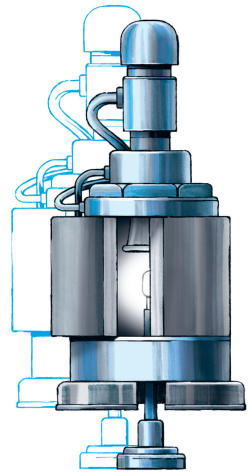
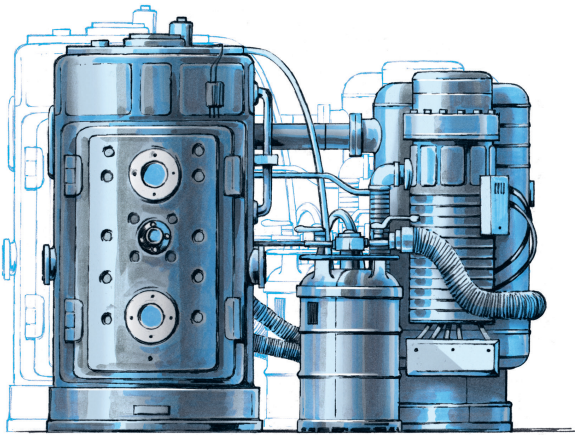


ECONORM



TIMSAPH
FABRICATION DE SAPHIR 100% SUISSE

SAPHIR ARunic®



A FUNCTIONAL SAPPHIRE



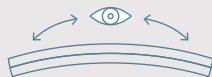
Very hard



UV filter



Highly
wear-resistant



Achromatic



Anti-static



Water- and
oil-repellent

RESIDUAL COLOUR AVAILABLE

Colourless

Blue-Violet

OPTICAL PROPERTIES

TOTAL REFLECTION

≤ 3% (untreated sapphire ~14%)

UV-FILTER

From 410 nm

ACHROMATIC

No iridescence or residual colour change on the product.
Angle limit 30°/35°.

MECHANICAL PROPERTIES

HARDNESS

≥ 2000 HK0.3

NANO SCRATCH TESTER (NST[®])

LC1: ≥ 50 mN (minimal scratch resistance)

LC2: ≥ 70 mN (maximal scratch resistance)

In accordance with current NIHS and ISO standards.

ANTI-STATIC

20-150 kΩ

PRODUCTION

100% in Switzerland

CHEMICAL PROPERTIES

EASE OF MAINTENANCE

Contact angle ≥ 80°, performed using ethylene glycol.

RESISTANCE TEST

ISO 14368-4

GEOMETRIC PROPERTIES

USE

This product is not suitable for use on dials or items with openings.

FORMS PROCESSED IN SWITZERLAND



Double plated



Box



Spherical

FIND OUT MORE ON [ECONORM.CH](https://www.econorm.ch)



Rue Pierre-Jolissaint 35 | CH-2610 Saint-Imier
Phone +41 32 910 22 33 | info@econorm.ch | [econorm.ch](https://www.econorm.ch)