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Science Under Pressure

products



RELATED PRODUCTS:

- Diacell µScopeDAC Series
- Diacell Bragg Series
- Diacell CryoDAC Series
- Diacell Diaclamp
- Diacell HeliosDAC
- Diacell LeverDAC Series
- Diacell OmniDAC Series
- Diacell OptiDAC Series

RELATED ACCESSORIES:

- Gasket Blanks



Boehler µDriller™

Advanced EDM system for precision drilling

- ▶ The Boehler µDriller is a fully-automated electro-discharge-machine (EDM) system that enables the drilling of precision holes in any conductive material.
- ▶ Drilling diameters range from 0.05mm up to 1mm
- ▶ This system is equipped with an innovative high-precision motorised drilling head resulting in an exceptional centring accuracy of 0.005mm or better.
- ▶ The drilling process is particularly clean and swift with high yield batch drilling requiring just minutes.
- ▶ The drilling tips of the Boehler µDriller are made of very hard WC and are easily interchangeable with no special skills or tools required.
- ▶ The Boehler µDriller is equipped with a high magnification observation microscope (x63) enabling high accuracy positioning and drilling of gaskets.
- ▶ The system comes with its own electronic control unit for simple and intuitive adjustment of the various drilling parameters. An RS232 interface is standard.
- ▶ Advanced features such as the inversion of the drilling polarity, setting and monitoring of actual drilling depth are standard on the Boehler µDriller.
- ▶ The typical weight and dimensions of the system are:
- 5 kg & 20 cm x 20 cm x 28 cm (W/D/H).