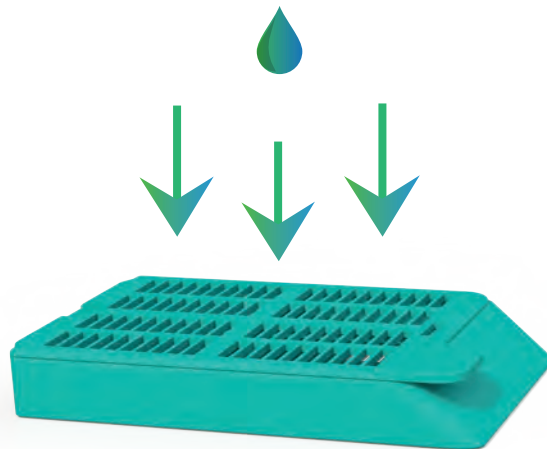




Elektro Med™

New PATHOSOLUTIONS PREMIUM cassettes
increased reagent flow up to **93%**



**Made
in Poland**

Elektro Med has been on histopathological market in Poland since more than 24 years. At that time we have got experience that let us create our own product brand - **Pathosolutions** and cooperate with worldwide medical devices sellers.

Recently, we have been able to expand the Pathosolutions range with products that are **100% made by us**. This means that a team of specialists working in our **R&D and production departments** is responsible for the idea, design, research and production. We fully control and optimize all stages of the production of well-thought-out products for diagnostic tests, which undergo strict quality control using high-class measuring devices, and in our own histopathological laboratory.

To create the highest quality histopathological cassettes, we conducted numerous studies, simulations and tested several types of plastics and dyes from various suppliers, which allowed us to select raw materials with the best parameters and use the full potential of a **modern production line**.

We focus on **ecological solutions**, which is why we use energy-saving infrastructure and renewable energy sources, such as photovoltaic panels. Our electric Krauss Maffei injection molding machines use about **40% less energy** than standard devices of this type, which guarantees low energy consumption of production with high repeatability and efficiency of the manufacturing process.

 Elektro Med™

The first Polish
histopathology cassettes
manufacturer with
machine park

SUPPLY CHAIN

We do not use external production companies, which allows us to optimize costs and ensuring continuity of supplies. Our goods are available "on the spot"

CUSTOMERS SATISFACTION

We design and manufacture products based on the opinions of our customers, recommendations and standards.

HIGHT QUALITY

Due to our experience and our work, we managed to create highest quality products

INCREASE REAGENTS FLOW

We have designed cassettes with an increased flow area up to 93%

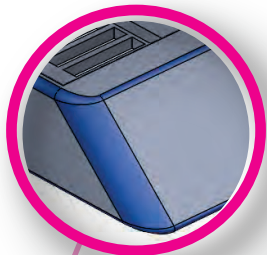
The new improved Pathosolutions Premium histopathology cassettes:

Guarantee of material safety - three-point closing design preventing accidental opening of the cassette in the histopathology process of **100%** effectiveness

based on the satisfaction study conducted among users of the cassettes *

Construction with a specially profiled internal ribbing ensuring optimal parameters of the cassette stiffness, thanks to which they do not bend during use *

Rounded external and internal edges ensure comfort during work *



Front descriptive surface suitable for marking with printers and traditional methods *

Increased reagent flow area up to 93% during maintaining optimal mechanical strength *

93%

Large, rounded and specially shaped handle for easy closing and opening of the cassette *

Design to increase paraffin adhesion, reducing the risk of detachment of the paraffin block from the cassette by **13%** during sectioning on a microtome *

* Parameters confirmed by tests

A series of cassettes with a fixed lid

Pathosolutions Premium cassettes are currently available in 2 types:

- ✓ **Embedding cassettes 2x2 mm** - 120 holes in the base and in the lid, and an increased flow area of process reagents up to 93% (compared to other cassettes with 2 x 2 mm openings on the market)
- ✓ **Embedding cassettes 1x5 mm** - 80 holes in the base and in the cover, and an increased flow area of process reagents by min. 25% (versus other available 1 x 5mm cassettes)

The cassettes are available in many colors, in packs of 1000 pieces. In the case of larger annual orders, it is possible to make them according to your own color preferences. For more information, contact our sales representatives.

Questions? Contact with us!

New products available soon!



Pathosolutions™

because every patient counts

Thank you to all those who contribute to the development of Elektro Med.

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