

DATWYLER SOFTPULSE

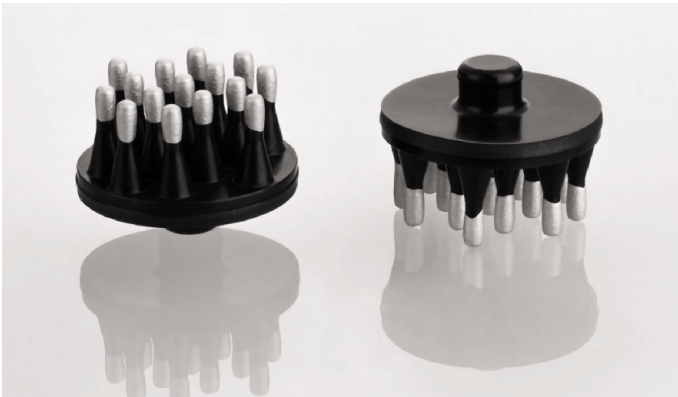
OUR SOFT DRY ELECTRODES

NO MATTER WHAT
THE FUTURE HOLDS

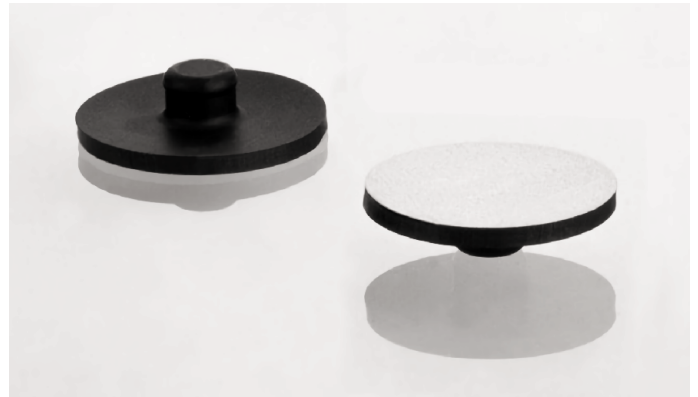


DATWYLER'S PROPOSITION FOR LONG-TERM BIO-SIGNAL MONITORING

Patient safety is one of Datwyler's biggest priorities. The company constantly invests in the most advanced technologies, design and production processes and strives to set new industry standards to respond to the evolving needs of patients. SoftPulse is Datwyler's proposition for long-term bio-signal monitoring with focus on patient comfort. Based on a flexible conductive polymer, the electrode design is optimized to ensure patient comfort during monitoring. SoftPulse allows dry signal acquisition eliminating the use of gels and significantly decrease skin irritation.



Brush electrodes featuring coated pins.



Flat electrodes featuring coated surface.

Applications

- EEG - Biopotential signal measurement
- EEG - Long-term monitoring
- Other ExG technologies
- Medical, lifestyle, gaming, and industry applications

Key features

- Dry signal acquisition (no gels, no hair removal)
- No skin preparation needed (no abrasion, no gel, no hair wash or removal required)
- Brush design to work through hair. Flat design for non-hairy positions available
- Customizable design
- Fitting standard snap lead cabling
- Durability
- Easy to clean

Documentation package available.

Advantages

- Design optimized for hair penetration and scalp contact
- Increased patient comfort (during/after long-term monitoring)
- Freedom of area for monitoring (home, other location, but not necessarily a hospital environment)
- Multiple use thanks to durability of material

Electrodes specification

Skin impedance	25 – 300 kOhm
Material	Conductive elastomer
Contact	Silver/silver chloride
Connector	Conductive elastomer snap connector
Design	Flexible design for custom applications

Datwyler Switzerland Inc.

Militärstrasse 7, 6467 Schattdorf
 M + 49 152 55487219
 thilo.schmierer@datwyler.com
 www.sealing.datwyler.com