

ScienceLine

The proven high end laboratory electrodes

In research and development, manufacturing and quality control, our ScienceLine electrodes have long since become standard for the most demanding measuring tasks. Each electrode has an individual serial number and pH- and metal combination electrodes are supplied with a quality certificate, thus making documentation easier and better traceable. We have kept on improving the glass membrane shapes and types to make the electrodes even more

robust, durable and easier to clean. Furthermore, they achieve stable measurement values even faster.

The ScienceLine electrodes from SCHOTT Instruments guarantee not only high measurement accuracy and stability and a long service life, but are highly adaptable to your measuring tasks. Today we can offer you a range of electrodes unmatched in versatility and quality.





Here are some examples:

- pH electrodes with a length of up to 600 mm for measurements in very deep vessels
- On the other hand, the N 6003 electrode allows pH measurements even in NMR tubes or other small sample vessels. Likewise, the A 157 is a micro electrode with an integrated temperature sensor with only 5 mm in diameter.
- For more demanding media, you can choose among different diaphragms and membrane glasses. For measurements in samples low on ions, you have the choice between the N 64 and A 164. Both types feature a ground joint diaphragm, and the A 164 additionally even a temperature sensor.
- A wide selection of separate reference and glass electrodes completes the programme.

The faster and more stable display of the measured value under critical circumstances with Science Line electrodes, as well as their longer lifespan are due to their Silamid reference system. In contrast to a chlorinated silver wire, as it is used in the silver/silver chlorine reference system of the BlueLine series, the ScienceLine employs discharge cartridges. The silver coating of the inner tube makes for a five times larger silver surface compared to the silver wire. Hence, the stability of the potential is much higher.

- ▶ **Proven high-end electrodes for demanding measuring tasks**
- ▶ **Silamid reference system for fast and stable acquiring of measured values and for longer electrode lifespan.**
- ▶ **Utmost versatility** is achieved by a large selection of diaphragms, membrane glass types and shapes, shaft lengths and diameters, ground joints, plug connections and integrated temperature sensors.
- ▶ **Each pH and metal combination electrode with individual serial number and quality certificate.**
- ▶ **Large selection** of separate glass and reference electrodes, metal combination electrodes, conductivity sensors, ion selective indicator electrodes and ammonia, sodium and oxygen sensors.

Advantages
ScienceLine