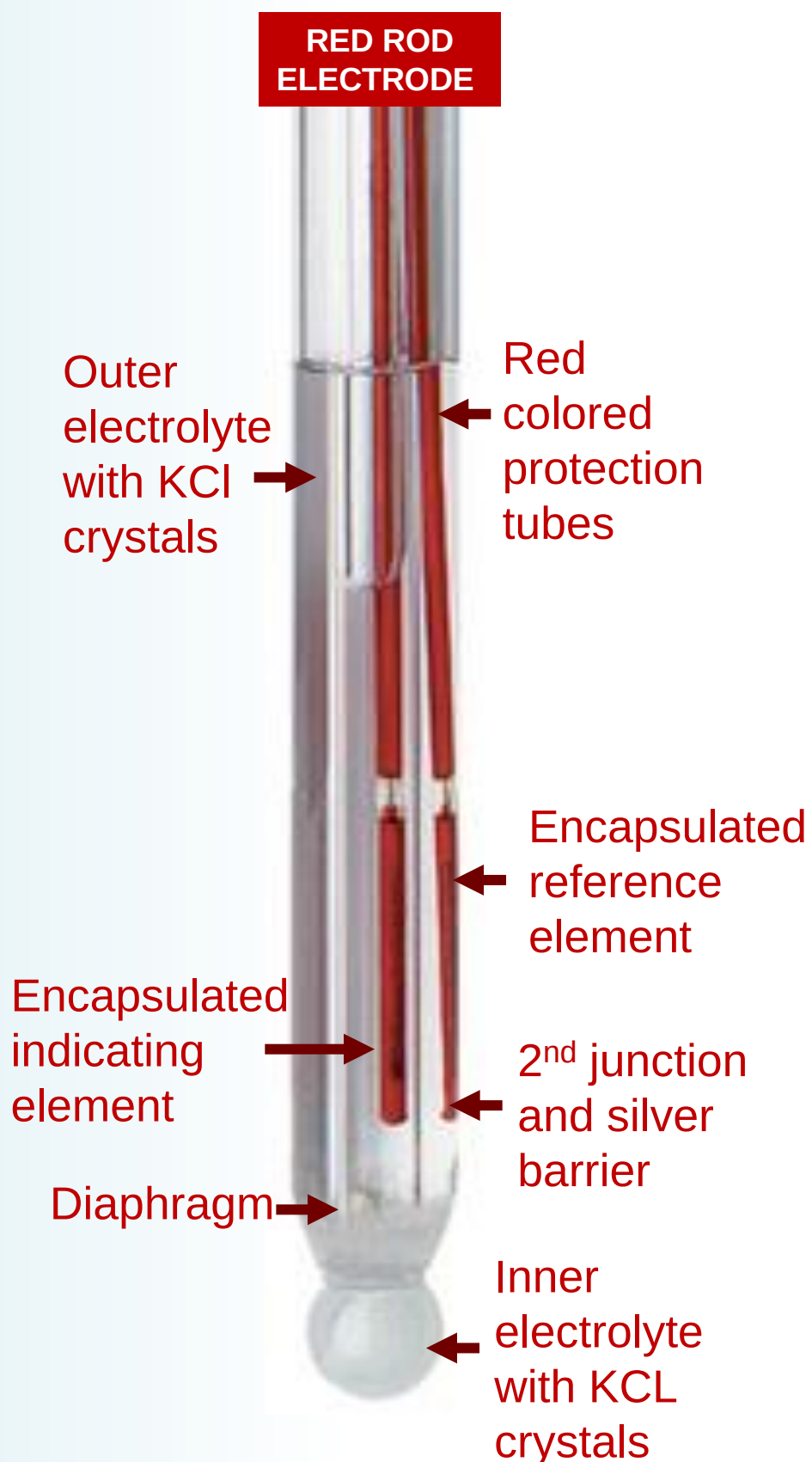


RED ROD Technology

For Better pH Measurements



Types of diaphragms



ADVANTAGES OF RED ROD ELECTRODES

✓ faster response

✓ high reproducibility

✓ accurate results

✓ longer lifetime

✓ stable reference

✓ variety of designs for any sample

RED ROD Technology



Designed for your advantage

Encapsulated reference and indicating elements with **low risk of contamination** and with **silver ion barrier**



Reducing dramatically the risk of contamination **ensuring accurate pH measurements and faster response**

Red glass tubes inside protect against UV light **avoiding a decomposition of the reference elements**



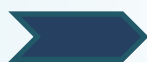
Reducing the degradation of the reference element over time **ensuring longer probe's lifetime**

Symmetrical reference and indication elements **reduce asymmetry potential**



Reducing the variation of the probe's potential to **guarantee reproducible measurements**

Saturated KCl solution with additional **KCl crystals as visual indicator** for always „saturated“ electrolyte solution



Easy control of the probe's filling solution helps **checking the probe's status at a glance**

Additional KCl crystals can dissolve at **higher temperatures**, maintaining the saturated KCL solution



Stable reference vs. electrolyte conditions for **best pH results up to 100°C**

Probe glass body **withstands heat and organic chemicals**



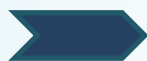
Enlarging the application range to **difficult matrices and use models**

Probes with **various designs and diaphragms** (liquid junctions)



Higher flexibility in selecting the best pH probe **for your sample pH measurement**

Red Rod pH probes **now with digital technology**



Combining both technologies for **reliable results and highest comfort**