



ETA Process Instrumentation

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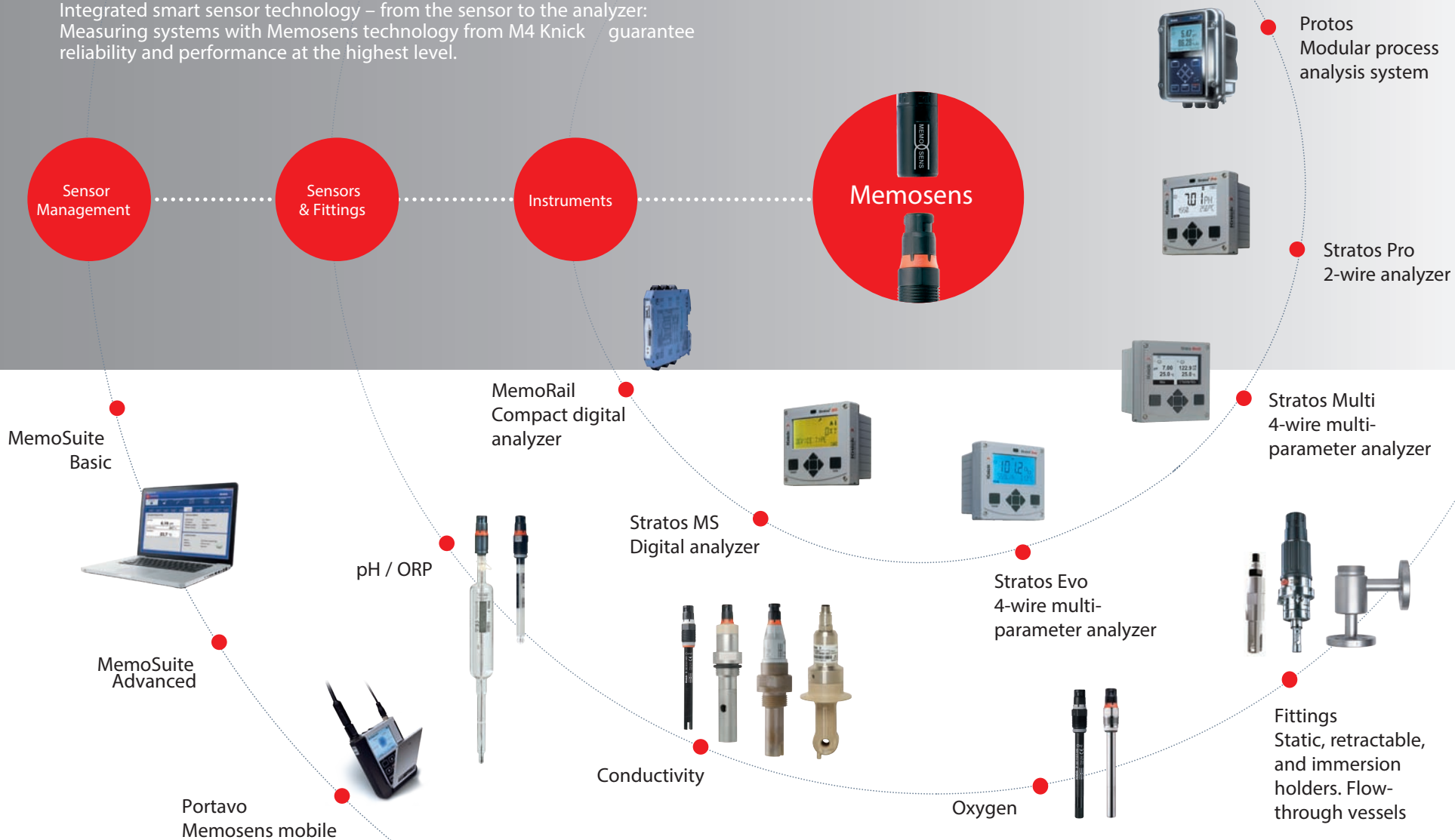
Martech Controls

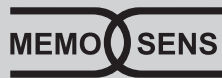
www.martechcontrols.com
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Memosens® — The Complete Digital Solution

Integrated smart sensor technology – from the sensor to the analyzer:
Measuring systems with Memosens technology from M4 Knick guarantee reliability and performance at the highest level.





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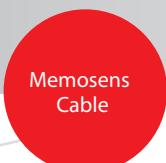
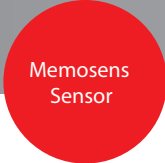
Digital pH, ORP, Conductivity, and Oxygen

Increase:

- Operator safety
- Sensor life
- Time between sensor calibrations
- Measurement reliability

Decrease

- Maintenance/Calibration time
- Process downtime
- Inventory investment



Easy

- Smart sensor allows for calibration in the shop/lab
- No calibration fluids in the field
- One-step startup with Stratos transmitter

Durable

- High temperature and pressure ratings

Comprehensive

- Wide range of pH, ORP, conductivity, and oxygen sensors available

Quick

- One-step sensor insertion and retraction

Safe

- Eliminates projectiles
- Eliminates process exposure
- CIP and SIP compatible

Adaptive

- Manufactured in a variety of materials, process connections, and insertion lengths

Simple

- Quick disconnect at the sensor head

Rugged

- Inductive, all plastic, connection resistant to moisture and corrosion

Flexible

- No cable length restrictions
- Junctions and extensions have no impact on signal quality
- No grounding issues

Clear

- Text driven menu
- Multi-colored backlight provides sensor condition from a distance

Informative

- Sensocheck function provides automatic sensor condition monitoring
- Alarms on failure
- HART/AMS compatible

Versatile

- One device for pH, ORP, Conductivity, or Dissolved Oxygen
- Works with Memosens or Analog sensors
- 2-wire or 4-wire



Easy

- Automatic calibration of pH, ORP, conductivity, and oxygen sensors
- Upload calibration data and sensor performance data to Paraly SW 112 software
- Export to Excel

Off-line Calibration and Sensor Diagnostics



Tough

- Built for the lab & the field
- NEMA 4X
- Scratch resistant
- Drop tested

Informative

- Sensor diagnostics graphically displayed

