aerede®

Software for EPR dosimetry

For reference & routine alanine dosimetry applications

THE NOVEL EPR DOSIMETRY EQUIPMENT

designed to read EPR dosimeters for routine dosimetry in industrial irradiation plants as well as for reference purposes in dosimetry labs.
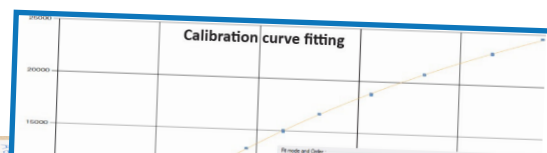

SOFTWARE

- controls the fully digital MS5000 EPR equipment (settings of equipment's parameters, readings, data storage in Database …)

- performs **dosimetry system calibration**, graphics, regression analysis, uncertainties
- performs dosimeter (pellets, bar-coded blisters …) readout and traceable re-reads

- corrects for Lab T° and RH% changes with internal reference
- performs equipment verification and stability test with a standard dosimeter
- manages operators authorizations and trails their actions

Designed to efficiently integrate your plant network and can be developed and customized according to specific industrial demands

Software is validated and meets all quality assurance requirements according to FDA 21 CFR part 11, ISO, EN, ISO/ASTM… guidance or standards.

Contact us

- **Sébastien Riegler - Product Manager - Sales - After Sales**
  s.riegler@aerial-crt.com
- **Abbas Nasreddine - Project Manager - Development**
  a.nasreddine@aerial-crt.com
- ☎ **+33 (0)3 88 19 15 15**

Parc d'innovation - 250 rue Laurent Fries 67 400 Illkirch - France

www.aerial-crt.com

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