

Safety. Reliability. Reproducibility.

Leader in heat treatment for medical technology.



ISO
13485
certified

MDR
2017/745
compliant



Hardness alone is not a sufficient quality criterion for the heat treatment of medical instruments. Experience shows that even though one instrument functions perfectly, another instrument of the very same type and with identical hardness can break during use.

„All roads lead to Rome“; likewise it is possible to produce the same target hardness using diverse parameter combinations – however, the products' micro-structures will vary substantially. That is precisely why the medtech industry attaches great importance to validated equipment and processes.

Validated heat treatment for maximum patient safety

The micro-structure can only be evaluated by destroying the component, so verification is ruled out. Only validated equipment and processes guarantee reproducibility and patient safety. As leader in heat treatment for medtech products, we therefore offer hardening in validated furnaces using validated processes according to ISO 13485, 21 CFR part 820 (FDA) and MDR 2017/745. Our test equipment is obviously validated too. By maintaining complete records of every batch in combination with device history records and treatment parameters frozen after first article

inspection, we guarantee perfect traceability, consistent results and maximum patient safety. We support you comprehensively – with hardening, consulting and contracting. Trust the leader with your products too.

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