

Operation Experience with Half Cell Measurement Machine & Cavity Tuning Machine in 3 Years of the European XFEL Cavity Series Production

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THPB031

Introduction

For the European XFEL superconducting cavity series production at both cavity vendors' four manufacturing machines for production key functions, Half Cell Measurement Machine (HAZEMEMA) and Cavity Tuning Machine (CTM), are supplied by DESY. Among three years of cavity production in two companies, Research Instruments GmbH (Germany) and Ettore Zanon Spa. (Italy) a lot of experience is gathered about influence of surroundings and production quality on cycle times, machine drop outs, general stability time of machines and parts subject to wear.



- Well approved service- & repair concepts for allover machine mechanics, electronics and software support even via remote access on machines.
 - All machines, service & repair concepts and service teams among the collaboration have proven their ability for large industrial series productions at first rate.

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