The tool was subject to a full refurbishment program to bring it to an as-new status:

- Replacement of both the Source and Beamline turbo pumps with corrosion resistant pumps
- Replacement of both front and rear Cryo-pumps by the OEM
- Replacement of valves, gate valves and vacuum gauges
- Replacement of the Mechanical pumps and booster pumps
- Chamber and beamline CO2 cleaned and then diamond polished to return to as-new condition.
- Complete refurb of resonant cavities (LINACs, resonator DI boards and RF power supplies)
- Two new SAC IHC ion sources
- Replacement of high voltage power supplies
- Replacement of terminal power supplies (filament, bias, arc, magnet, source magnet, etc
- Replacement of all gas box elements
- Refurbishment of isolation transformer
- All assembly refurbished and fitted with new consumables.
- All water lines and fittings replaced
- Pneumatic lines inspected and replaced where required.
- System tested to Original Equipment Manufacturers specification

The tool is currently configured for 6” wafers, but it can be converted back to 8” wafers.

A low pressure H2 upgrade was performed:

- High level of safety: No stored H2, but on demand instant generation
- No gas stock management
- Very simple and easy-going technology
- Beam performances similar to H2 pressure technology
- Fully CE compliant