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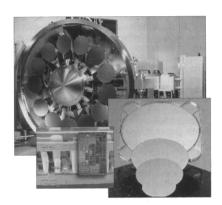
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The Ibis 1000 oxygen implanter used for the fabrication of separation-by-implantation-of-oxygen (SIMOX) wafers. INSETS: (Left) Scanning electron micrograph of the cross-section of a silicon-on-insulator integrated circuit (courtesy IBM Corporation); (right) SIMOX wafers of different sizes (courtesy SOITEC).

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