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Magnetic measurement benches for Insertion Devices at the ESRF.

At the ESRF, a number of new measuring systems for Insertion Devices have been constructed over the past three years. These include field integral benches (flip coil), scanning hall probe benches and a dedicated system for permanent magnet block characterization. These new benches are based on more performant motion systems that are commercially available. A significant effort was put into simplifying the control and the software integration into a single environment for efficient field processing.

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