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## MiSeq Product Description

MiSeq is a genetic sequencing system integrating cluster amplification, sequencing, and data analysis in a single instrument with a foot print of approximately two feet square.

Within the instrument are five major functional groups which include the optics module, fluidics module, Ebox, three RFID tag readers and the touch screen monitor.

RFID tags provide an automated check to ensure the operator loads the correct reagents for a specific sequencing application. Tags embedded within the sample tray, reagent pack and PR2 bottle are interrogated by the system. If the sequencing recipe detects an incompatibility between the three, the run will be rejected.