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The status of beam instrument at CSNS

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Beam instrumentation is of critical importance for the operation and optimization of modern particle accelerators. The upgrading work of CSNS has led to higher requirements for beam measurement equipment in increasing beam current research. Existing equipment, including current intensity measurement systems, emissivity measurement systems, and position measurement systems, cannot meet these requirements. In this paper, Phenomena and improvement plans of beam diagnostics system will be discussed.

Footnotes

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