

EGP-10K ION BEAM PARAMETERS DILATING

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The results of activities on the EGP-10K tandem beam are discussed. The new section of an ion-optic channel is organized, which allows to diagnose the primary beam before its transition through a nominal analyzing magnet. It has enabled activities at the beam energies, which one leave for design limits, mainly to lower values. A capability of diagnostic, control and selection of the structure of primary beam (impurity of atomic and molecular beams, neutrals, heavy ions) is also obtained.