

Diagnostic Instruments of PLS-II

김창범, 김도태, 최재영, 이홍수, 박응수, 신승환, 황정연

포항가속기연구소

In the Pohang Light Source (PLS), a major upgrade (PLS-II) of existing machine had been performed in last 3 years. Big improvements in beam parameters are expected from this major upgrade and various diagnostic instruments were installed to measure them. These include beam position monitor, beam current monitor, tune monitor, scraper, beam loss monitor, photon beam monitor, beam size monitor, streak camera, and so on. In this work, we would like to briefly introduce diagnostic instruments of the PLS-II and present measurement results in the commissioning process of the PLS-II.

Keyword: PLS-II diagnostics