

beam current

in situ microanalysis

The number of primary electrons reaching the surface of the specimen per unit time expressed as electrical current. Recommended symbol: i_B ; unit: A; typical range: nA.

Recommended measurement technique: Faraday cage.

Source:

PAC, 1983, 55, 2023 (*Nomenclature, symbols and units recommended for in situ microanalysis (Provisional)*) on page 2026