

DIFRACTOMETRU RX



1. Tip X'Pert PRO MPD Diffractometer

2. Producător: Philips – FEI Company PANalitical BV Olanda

3. An fabricație: 2007

4. Scurtă prezentare.

X'Pert PRO MPD Diffractometer with Cu anode X Ray tube and PixCEL detector, vertical theta-theta goniometer and spinning sample holder with programmed rotation to different sample speeds. High tension generator works at a maximum of 60 kV and 55 mA. The own software of the device allows separate commanding of the goniometer arms, and the spectra can be recorded in reflexion and transmission mode. Advanced system based on PreFIX modules for increased efficiency. The software allows the high level processing of the diffractograms, eliminating K alpha2 line, systematic errors correction, automated/fixed slot conversion, comparing, fond determination, peaks deconvolutions, automatic phase identification by using the ICDD data base references.