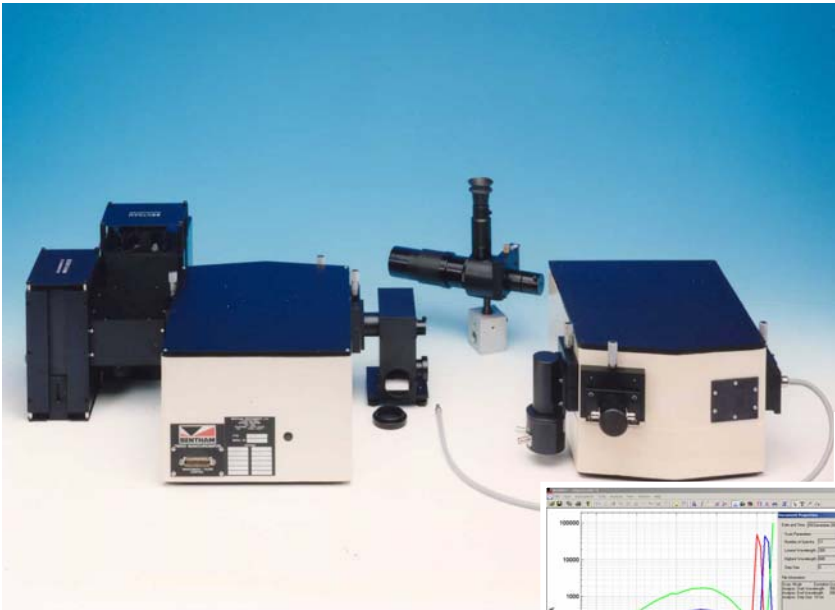


Phosphor Research System (excitation and emission analysis)



In order to fully characterise both excitation and emission spectra of phosphors, Bentham supplies a dual monochromator based system. Typically a dual excitation source comprising Xenon and quartz halogen lamps is fitted to the excitation monochromator and PMT, silicon and InGaAs detectors can be fitted to the emission monochromator, therefore both excitation and emission spectra can be measured from 200nm to beyond 1800nm.

