

Accelerators and Industry, D.M. LEWIS, Amersham International Laboratories, Amersham, UK - Accelerators and complete accelerator system packages are used in industry for a wide range of applications in medicine, industrial processing and industrial research. The various applications are reviewed from small, low energy industrial accelerators to purpose-built facilities installed at the large research accelerators. Some recent technology advances are highlighted. For example, recent improvements in medical isotope accelerators promise up to tenfold increase in short-lived isotope generation. Synchrotron radiation usage is also expanding with the availability of purpose-built systems. The current need for total systems is discussed and some longer term developments are described.