

Main characteristics of the CAD 4 Kappa Diffractometer

- an absolute minimum of physical obscurities and interferences
- optimal ranges for all angular movements
- full omega rotation without mechanical interferences
- optimal range of reciprocal space can be reached
- azimuth rotation possible for each reflection
- great accessibility of the crystal for all types of accessories
- a most accurate construction due to a bearing mounted axis instead of the arc cradle principle
- optimal long-life accuracy
- easily changed crystal-detector distance
- easy and quick tube alignment with the use of program
- balanced filter unit
- graphite monochromator included in standard package
- continuously variable and program controlled detector aperture
- absolute encoders on all axes and on detector aperture
- 8K or 16K computer with 1.6 Mwords disk standard
- IBM compatible magnetic tape recorder
- most reliable, fast and quiet DECwriter standard terminal
- disk-operating system with very versatile operator's program offers maximum disk utilization and simplified program changes
- most versatile and automatic software
- Polaroid cassette for Laue - or rotating crystal exposures is easily attachable
- low temperature liquid nitrogen or helium systems available
- complete manual control possible by portable control unit.

