



G670-180 technical data

Max. number of measurement points:	20001
Step size (2-Theta):	0.005°
Bragg angle area (asymm. transmission):	0°...100°
Bragg angle area (17° Reflexion):	50°...150°
Focal circle radius [mm]:	90
A/D converter resolution [Bit]:	16
Signal dynamics (counts):	200000
Simple read time [sec]:	< 5
Deletion time [sec]:	10

Hardware requirements:

X-ray source (fine line focus) [mm]:	0.4*8
Beam height above table [mm]:	approx. 275
Required working area next to the tube [mm]:	approx. 600*500

