



## XI220P Technical Specifications In-Process Particle Sizer

### TECHNICAL SPECIFICATIONS

Size Range	0.5 to 220 microns
Accuracy	±2% of x (50) using approved traceable standards
Supply voltage	+24V DC
Operatng Current	350mA
PC to Sizer Serial Communicatons	RS422
PC to PLC	Serial data & Ethernet to allow output of userselectable result
Sampling rate	2000 samples per second
Sampling resolution	16-bit analogue to digital converter
Laser	5mW 635nm semiconductor laser diode
Analogue Output	2 x opto isolated 16-bit analogue outputs 4 to 20mA
Digital Inputs	3 x general purpose opto isolated digital
Digital Outputs	8 x general purpose opto isolated open collector digital outputs
Local Display	2 lines x 16 characters backlit LCD
Temperature Range	-10 to 50°C standard range: (extended range -30 to +70°C)
Industrial protection	IP65 as standard
Maximum distance from instrument to PC	1.2km
Dimensions	510 x 100 x 100mm