XI1100P Technical Specificaations

# In-Process Partcle Sizer

TECHNICAL SPECIFICATIONS

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|---|---|
| Size Range | 2.5 to 1.100microns |
| 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 user selectable 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 | 890 x 100 x 100mm |