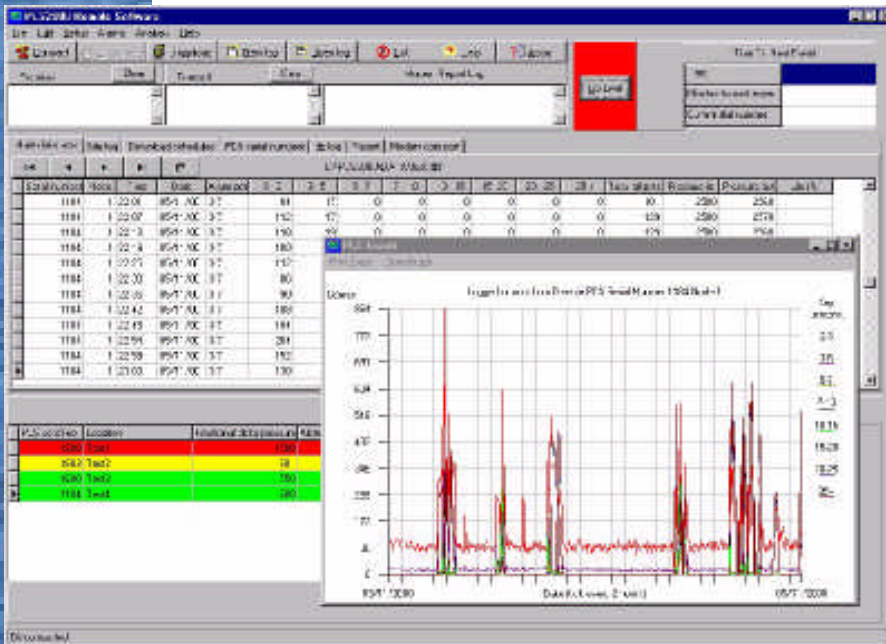


PCS2000 Software



Overview

The PCS2000 software system has been designed to provide users with swift and efficient data collection from their particle counting systems.

Particle counters can produce huge amounts of data. The DIVERSE Particle Counting System provides data on particles in up to 8 different categories across 1-16 different nodes at pre-set time intervals. One PCS2000 system can produce nearly 1Mbyte of data every day! This data needs to be collected for archive and assessment as the system overwrites old records, preserving the most current.

PCS2000 software provides a means of collecting, archiving and analysing this information.

- **Local or Remote access**
- **Collects and archives data**
- **Analysis tools**

Features of PCS2000 Software

- The PCS2000 software will run on any windows 95/98 system and is designed to provide a convenient route for collection of PCS data
- The data is integrated into a database of measurements with tools supplied to help analyse the results
- The data is then saved automatically in a standard database format which can be conveniently archived for regulatory purposes
- Allows automatic or manual logging

Optional Features

- Serial Interface for Local Access
- Remote access via land line modem
- Remote access via GSM modem
- Pressure differential monitoring

Applications

- Remote or local monitoring of the PCS2000 Particle Counting System including particle counts and differential pressures.
- Archiving of collected data
- Visual presentation of collected data

PCS2000 Software Specification

Local Access



PCS2000

- The particle counting system PCS2000 enables the continuous monitoring of particle counting units in attended or unattended locations. This will allow the centralised collection of data automated by user set time parameters, but with the security of an automatic alarm condition being generated if the monitored particle ranges exceed pre-set levels.
- The PCS2000 can also monitor the differential pressure across a filter.
- DIVERSE supplies the water industry with consultancy expertise as well as instruments. While the PCS2000 is a standard product both the particle counting system and the software can be configured to suit particular requirements.

PC control:	Activate all instrument functions
PC software:	Collect and display data
Downloading:	Automated or Manual control
Logging on:	Automatic recognition of PCS units
Database ordering:	Automatic indexing of the database
Database storage:	DBase style database, can be output in CSV format
Graphing tool:	Normal - graphing of each size range pot Stacking - selected/combined pots graphing
Range selection:	By individual node; by date and time
Range Selection:	Facility for CSV output
Data protection:	Checksum protected data download
PCS Data clearing:	On valid checksum, database in PCS is cleared
Serial Connections:	Will manage up to eight serial connections
Baud rate:	9600 Baud 8 bits
Compliant with:	Window 95/98
Licence:	Per computer

Remote Access

PC software :	Collect remote data and displays
Downloading:	Remote Automated or Manual control
Logging on:	Remote Automatic recognition of PCS units
Database ordering:	Automatic indexing of the database
Database storage:	DBase style database, can be output in CSV format
Graphing tool:	Normal - graphing of each size range pot Stacking - combined pots graphing
Differential Pressure:	Ranks PCS units by differential pressure Graphs differential pressure
Alarms:	Remote setting of alarm and warning levels On alarm sends text message to user allocated pager or mobile
Range selection:	By PCS unit; by date and time
Range Selection:	Facility for CSV output
Data protection:	Checksum protected data download
PCS Data clearing:	On valid checksum, database in PCS cleared remotely
Remote connections:	Only limited by the regularity of each download.
Baud rate:	9600 Baud 8 bits
Licence:	Per PCS monitor

DIVERSE

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