

# THE USE OF THE SPECTREX PARTICLE COUNTER IN WATER FILTRATION TESTING



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I work in the R&D laboratory at Fibredyne Inc., a water filter manufacturer. As part of our R&D testing, Water filters must be rated according to their performance in particulate removal. Particles are introduced into the influent stream as part of an aqueous solution, of a known particle size and concentration. The water filters are then challenged into removing these particles. The effluent stream is then quantified and the filter is classified according to its performance. This procedure requires both sizing and counting functions.

The PC-2000 and the Spectrex Supercount software have enabled us to perform this task quite simply. The software contains an NSF mode that automatically calculates and classifies the information into a usable reporting format. It provides us with data in a manner that is reliable and accurate. The system is also easy to operate and is virtually maintenance-free. The PC-2000 continues to play a vital role in our research and development activities.

Thank you,

William Huml