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Sensigent announces the availability of powerful new chemometric data processing and analysis software for the Cyranose 320 portable electronic nose gas detector.

The PCNose+ software works with upgraded firmware in the Cyranose 320 to add Support Vector Machines to the algorithm selections available. Support Vector Machines are a recently developed class of algorithms that can offer significant advantages in classifying components and complex mixtures.

Other new features include Importance Index Weighting data processing and Single Class identification algorithm.

Importance Index Weighting automatically gives a configurable higher weighting to sensors that provide more feature data for a particular problem. In many cases this can significantly enhance performance.

Single Class classification can save training time by allowing the identification of an unknown component without requiring the Cyranose 320 to be trained against other possible components.

[PCNose+ data sheet](#)

The PCNose+ software requires a factory installed firmware upgrade to the Cyranose 320. Contact Sensigent for more information.

