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Foodcare pH Electrode for Dairy Products & Semi Mature Cheese – FC250B

Description

General Purpose Glass Formulation

General Purpose (GP) glass, as the name implies, is a standard glass formulation that is used for general use. A pH electrode with GP glass will have a resistance of 100 megaohms at 25°C and is suited for measuring pH of samples that are at ambient temperatures. The FC250B is suitable to use with samples that measure from 20 to 40°C.

Conical Glass Tip

The conical-shaped tip design allows for penetration into solids, semi-solids, and emulsions for the direct measurement of pH in food products.

Open Junction Reference

Suspended solids and proteins found in food products will clog a conventional ceramic reference junction. This clogging will impede the measurement circuit between the indicating electrode and the internal reference resulting in slower response time, erratic readings, and frequent electrode replacement. The open junction design consists of a solid gel interface (viscolene) between the sample and internal Ag/AgCl reference. This interface not only prevents silver from entering the sample, but also makes it impermeable to clogging, resulting in a fast response and stable readings.

BNC Connector

The FC250B uses a BNC connector. This type of connector is universal in that it can be used on any pH meter that has the female BNC probe input. Other type of connectors include DIN, screw type, T-type, and 3.5mm to name a few. These types of connectors tend to be proprietary for a particular type of meter and are not interchangeable.