

HF Resistant Laboratory pH Electrodes



Specifications

Wetted Materials	Epoxy, pH glass, porous HDPE
Range of Measurements	0-12 pH
Pressure Maximum	50 Deg. C/100psig
Temperature Range	0 - 50 Deg. C
Speed of Response	95% in 5 seconds
Maximum Suggested HF%	2% v/v

Resist attack and etching from HF (up to 2% v/v)

Resist coating and fouling

Compatible with any pH meter

The specification sheet serves as an addendum to the pH LabSpecs sheet and covers all lab pH electrodes suitable for use in hydrofluoric acid.

Specifications differences for use in hydrofluoric acid (HF) are shown in SPECIFICATIONS section below. Please note 2 major differences as compared to standard electrodes. First, pH range is 0-12 not 0-14. Second, the temperature range is 0-50 deg C.

This series of electrodes are compatible with any lab or portable pH meter. Calibration of these electrodes is as normal with any standard pH electrode using standard pH buffer solutions.

Ordering Information

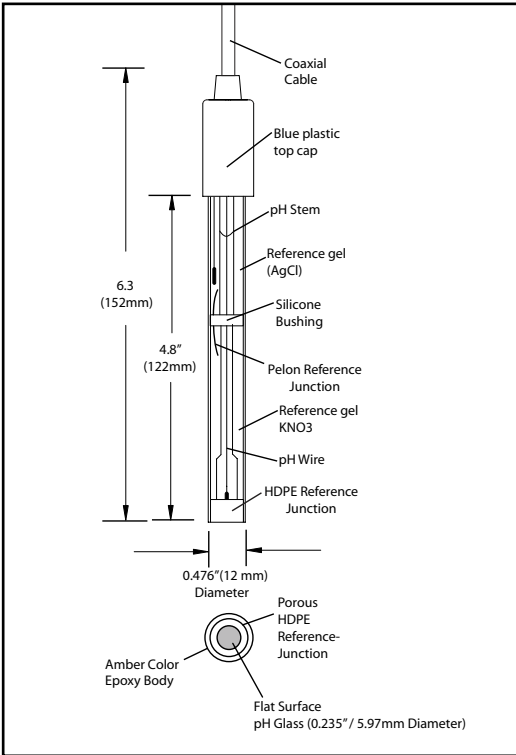
The HF models of these electrodes are available for our in-line, submersion and insertion (wet tap) models as follows:

Sensors

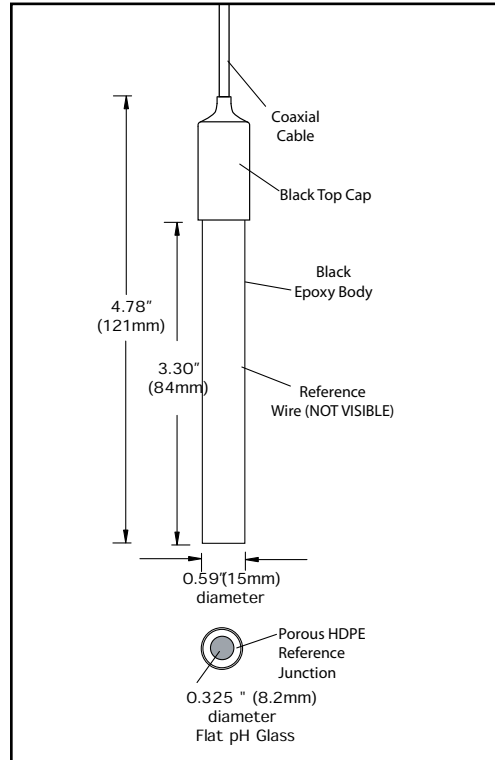
S350CDHF	Epoxy body, 150mmL x 12mm OD, 30 in cable
S353CDHF	Flat surface KYNAR submersion pH electrode
S354CDHF	Flat surface CPVC submersion pH electrode with protective tip
S450CDHF	Flat surface CPVC side stream pH electrode
EXT Cable DIN-EL	Ext cable for models with DIN cap (S353CDHF, S354CDHF)

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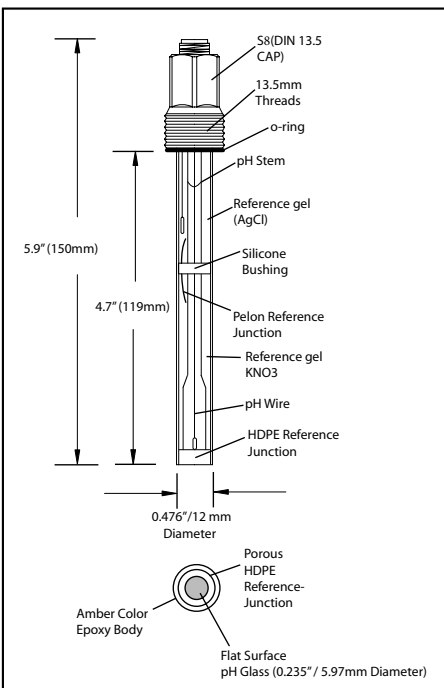
S350CDHF



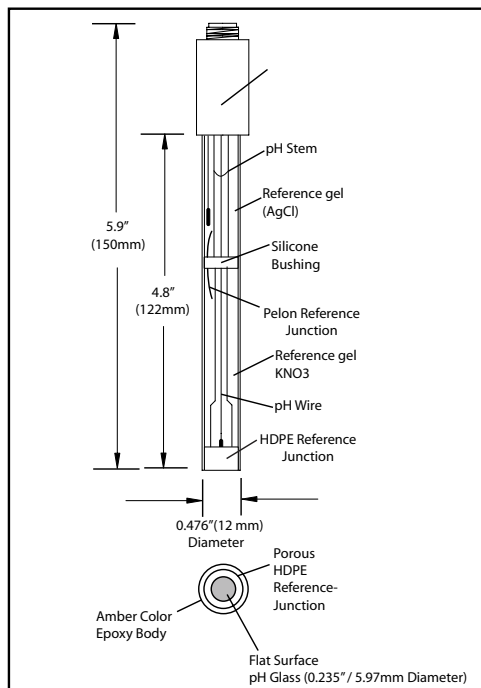
S450CDHF



S354CDHF



S353CDHF



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