

## New! Mercury & Chromium-Free Acrylonitrile Tube 128SD2 Replaces Tube 128SD



### Acrylonitrile 0.2 - 78 ppm tube 128SD2

**Double the Measurements:** Now a single-tube process, 10 tubes/box = 10 measurements – vs. 5 measurements/box previously

**Mercury-Free and Chromium-Free Formula:** For environmentally safer disposal

**Expanded Measurement Range:** Now the range is from 0.2 ppm – 78 ppm for greater versatility

**Longer Shelf Life:** With no refrigeration needed

### Specifications Comparison

Tube No.	128SD2	128SD
Gas to be measured	Acrylonitrile	
Measuring range & Number of pump strokes	2.6 ~ 78 ppm (50mL) 1 ~ 30 ppm (100mL) 0.2 ~ 6 ppm (400mL)	1 ~ 20 ppm (100mL) 0.5 ~ 10 ppm (200mL) 0.25 ~ 5 ppm (400mL) 0.2 ~ 4 ppm (500mL)
Sampling time	2.5 minutes/100mL	1.5 minutes/100mL
Colour change	Pink → White	Yellow → Red
Detectable limit	0.05 ppm (400mL)	0.05 ppm (500mL)
Operating temperature	0 ~ 40 °C	
Temperature correction	Necessary	
Shelf life	3 years	1 year (refrigeration needed)
Chemical reaction	Potassium permanganate is reduced and pH indicator is discoloured. (No mercury nor chromium is used.)	By decomposing with an Oxidizer, Hydrogen cyanide is produced. It reacts with Mercuric chloride, then Hydrogen chloride is liberated and PH indicator is discoloured.
Q'ty of measurement/box	10 times	5 times

