

Troubleshooting for Detector

Case	Phenomenon	Probable cause	Action
A	No signal nor marker	Signal cable disconnected	Check and connect.
		Signal cable breakage or loose connection	Attempt to replace the cable.
		Incorrect recorder setting	See whether the marker appears or not while pressing Auto zero switch
		Recorder failure	Contact our local sales representative.
B	Extremely small signal or none	Sample concentration extremely low	Increase sensitivity. Increase an amount of the sample.
		Light source lamp degradation (Especially UV detector)	Replace the lamp.
		Leakage from cell. Especially leakage of liquid.	Locate leakage point and retighten.
C	Signal over scales in one direction	High concentration sample flowing	Decrease sensitivity range.
		Signal cable breakage	Repair cable. Check electrical connectors.
		Recorder failure	Contact our local sales representative.
D	Auto zero balance not achieved (UV detector)	Light source lamp burnt out	Replace the light source lamp.
		Incorrect wavelength selection	Select wavelength according to solvent.
		Incorrect cell unit installation	Insert the cell to the right position.
		Dust in cell	Disassemble and clean the cell.
E	Auto zero balance not achieved (Refractive index detector)	Incomplete reference replacement	Replace the reference again.
		Reference valve failure	Contact our local sales representative.
		Auto zero switch unintentionally pressed when sample flowing	Press the Auto zero switch again in the balanced condition.