After you install the detector, you can set it up and operate it as a stand-alone instrument or as part of a an Empower or MassLynx data system.

- As a stand-alone instrument – You can use the detector as a stand-alone detector within a system, or with any fluid-handling unit, injector, integrator, or data system. You can program the front panel of the detector for stand-alone operation, except when it is in remote mode (see page 3-26).
- As part of an Empower or MassLynx system – Configure the detector with either data system to control and collect digital data. To do so, follow the instructions in the system's online Help.

Requirement: To ensure accurate operation, and before pumping mobile phase or solvent through the flow cell, be sure to perform the procedures on page 3-27.

Initializing the detector

Before you power-on the detector, be sure the connector from the rear panel to the power source is properly installed.

To power-on the detector, press the On/Off switch located on the front, lower-right corner of the unit.

At startup, the detector beeps three times and runs a series of startup diagnostic tests. If it passes all startup diagnostic tests, the Startup Diagnostics screen appears, with "OK" following each test.

Startup Diagnostics screen

STARTUP DIAGNOSTICS			
TPU	OK	ROM	OK
SCI	OK	RAM	OK
GPIB	OK	LCD	OK
QSPI	OK	CPU	OK

After it displays the Startup Diagnostics screen, the detector displays the following series of messages, in sequence, a process that takes about five minutes:

- Initializing grating
- Initializing system