VP-53: SYSTEM FILE RELOADING (pg 1 of 5)

Time: 2 to 4 hours

Purpose: To reload the necessary default values following a factory reset or database initialization

FILE NO. 1: CONFIGURATION

Reset parameters:

- SYSTEM
- FILES
- 1.3
- DISPLAY

Enter system serial number.

- FWD
- FWD

Enter date format (0, 1, 2):

- 0 Mo/Da/Yr
- 1 Yr/Da/Mo
- 2 Da/Mo/Yr ■ STORE
- FWD to 1.17

Enter number of form feeds (ask customer or leave at 18).

VP-53: System File Reloading Procedure

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VP-53: System File Reloading (pg 2 of 5)

File 1: Configuration (cont)

If analyzer is connected to a laboratory information system, reset parameters:

- 1.10 COM2 BAUD RATE
- 1.11 COM2 CHR LEN
- 1.12 COM2 STOP BIT
- 1.13 COM2 PARITY
- 1.18 COM2 HOST INTERFERENCE
- 1.20 SPOOLER WARN
- 1.29 XOFF TIMEOUT

NOTE: If system file 1 or 30 is edited, power off analyzer for 10 seconds to initialize NOVRAM.

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VP-53: System File Reloading (pg 3 of 5)

FILE NO. 2: SYSTEM PARAMETERS

Reset Buffer Bottle volumes:

- PRIME
- INACT DIL
- REPLACE

Enter number of mL left in bottle.

- VERIFY
- STORE
- Done (Wait for cycle to complete.)
- PRIME
- SYS DIL
- REPLACE

File 2: System Parameters (cont)

Enter number of mL left in bottle.

- VERIFY
- STORE
- Done (Wait for cycle to complete.)

FILE NO. 3: MEIA CAROUSEL

Perform VP-30: MEIA Carousel Cal.

FILES NO. 4 - 29: BOOM FILES

Perform VP-8: Boom Calibration.

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VP-53: System File Reloading (pg 4 of 5)

FILE NO. 30: TEMPERATURE

Reset parameters:

- SYSTEM
- FILES
- 30
- DISPLAY
- FWD

File 30: Temperature (cont)

30.18 MEIA PID DEV

Enter values for each 30.XX parameter below. After each entry, press:

- STORE
- 30.21 MEIA CAL TIME 600 **30.26 PID GAIN** 64.000

0.5

116.0

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30.27 PID INTEGRAL 0.0500 30.29 PID BIAS

Perform VP-29: MEIA Temperature Calibration.

Verification Procedures **VP-53: System File Reloading Procedure** LCx[®] Analyzer Service Manual (Text P/N 47278-102)

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VP-53: System File Reloading (pg 5 of 5)

FILE NO. 31: PHOTO PARAMETERS

Reset parameters:

Enter MEIA Optics Hand Controls:

MONITOR

■ HND_CTRL

OPTICS

LAMP

Wait for lamp to stabilize (approximately 30 minutes).

Record R= value.

Reset parameters:

■ SYSTEM

■ FILES

31.12

■ DISPLAY

File 31: Photo Parameters (cont)

Enter MEIA STD M value from Optical Standards Case:

STORE

■ FWD to 31.25

Enter R= Value from Optics Hand Controls.

■ STORE

Perform VP-30: MEIA Carousel Calibration. Perform VP-27A: MEIA Photo Calibration.

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