

## 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).

### 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.*

### 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.](#)

### FILE NO. 30: TEMPERATURE

Reset parameters:

- SYSTEM
- FILES
- 30
- DISPLAY
- FWD

File 30: Temperature (cont)

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

- STORE
- 30.18 MEIA PID DEV 0.5
- 30.21 MEIA CAL TIME 600
- 30.26 PID GAIN 64.000
- 30.27 PID INTEGRAL 0.0500
- 30.29 PID BIAS 116.0

Perform [VP-29: MEIA Temperature Calibration](#).

### 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](#).