

Title: Ross "Flexiflo" Quantum By Ross/Abbott Labs, Columbus, OH.	DATE: 7-29-2010
File = Flexiflo-Quantum.doc	<b>DISCLAIMER: THIS PROCEDURE PROVIDED "AS IS" AND WITH POSSIBLE FAULTS. USER MUST VERIFY BEFORE USE. NEITHER PROVIDER NOR WEBSITE ASSUMES ANY RESPONSIBILITY FOR ITS USE.</b>

1. General

Applies to the Ross Model "Flexiflo Quantum" also known as a "Food Pump".

2. Reference Documents

FLEXIFLO® QUANTUM™ Enteral Pump Manual

3. Tools / Fixtures / Labels

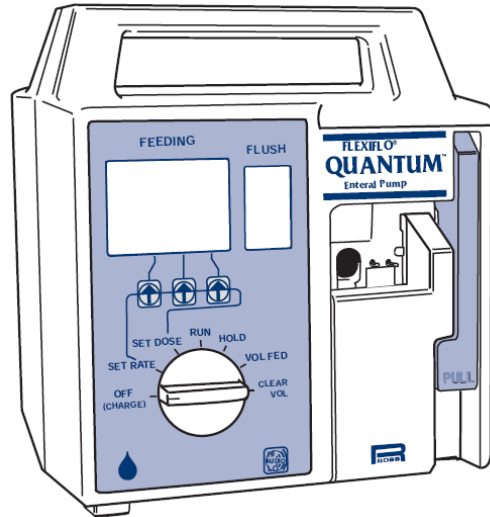
Safety Testor

Cassette: See picture.

Scale with 0.1 gm or better resolution to support a collection cup (preferred) or --

Burette *Note: Don't trust the first 10ml interval at bottom. Fill this with 10mL and start from there.*

"PM next due" label



4. Basic PM Procedure

4.1. Physical: Check line cord, cassette door, and case for cracks.

4.2. Electrical Safety: There is a small metallic stud on lower back for gnd reference. The maximum leakage is 300 uA. Line cord ground resistance  $\leq 0.1$  ohms.

4.3. Turn unit on via the knob. Listen for a normally two segment beep.

4.4. Tubing Setup: At this point have tubing set positioned into the scale or burette. *Note: If a flush line is part of the cassette assembly, pinch it "off".*

4.5. Flow/volume Setup: *Set Rate* for 120mL/hr and *Set Dose* = 10mL. If a flush bag is part of setup, clamp it off.

4.6. Turn knob to *Run*. After 5.0 minutes the unit should stop, leaving a 10mL increase. Acceptable delivery is 9 to 11 mL. Leave unit beeping and ...

4.7. Audio Volume Button: While the unit beeps indicating end of dose, press the audio button and note it changes audio volume from normal to somewhat muted.

4.8. Occlusion: Unplug unit and run on battery. Start unit and pinch output to verify an occlusion is detected.

4.9. Check remaining functions of selector switch. They should be self-explanatory.

4.10. Re-label: Replace old PM label with the new dated (per preference of the institution).

Optional: Protect by applying clear cover label.



5. Extended PM Procedure

One known service issue: the sense pin/switch (shiniest) can electrically get stuck in "cassette is in" position. Spray contact cleaner into the opening around this pin, and gently pull it in and out. Repeat.