What is claimed is:

1. An apparatus for infusing fluid into a patient, the apparatus comprising:

a housing having an opening on a front side of the housing, wherein the opening is sized to receive a drip chamber having an inlet tube and an outlet tube;

a tube-contact member configured to contact one of the inlet tube and the outlet tube of the drip chamber when inserted into the opening;

a rotating arm operatively coupled to the tube-contact member and configured to rotate along an axis;

a tube-retention cover configured to close when the drip chamber is initially loaded into the opening; and

a carriage having a pin configured to engage with the first and second catches, the carriage is operatively coupled to the tube-retention cover to open or close the tube-retention cover in accordance with actuation of the carriage.

2. The apparatus according to claim 1, wherein the rotating arm is a split-rotating arm.

3. The apparatus according to claim 2, wherein the split-rotating arm comprises an arm portion and a tube-engagement portion, wherein the tube-engagement portion includes the tube-contact member.

4. The apparatus according to claim 3, wherein the arm portion includes first and second catches.

5. The apparatus according to claim 3, further comprising a torsion spring to rotationally bias the tube-engagement portion against the arm portion of the split-rotating arm.

6. The apparatus according to claim 5, further comprising a slide-clamp keyhole, wherein when the drip chamber is initially loaded, the rotating arm rotates to a first direction.

7. The apparatus according to claim 1, further comprising a backlight positioned behind the drip chamber to direct a light toward an opening of the drip chamber.

8. The apparatus according to claim 7, wherein the backlight shines light through the drip chamber and out of the opening of the housing.

9. The apparatus according to claim 1, further comprising a background pattern disposed on an inner wall within the opening of the housing.

10. The apparatus according to claim 9, further comprising a background light configured to illuminate the background pattern.

11. The apparatus according to claim 10, further comprising a backlight positioned behind the drip chamber to direct a light toward an opening of the drip chamber.

12. The apparatus according to claim 11, further comprising a modulation circuit to module the background light and the backlight.

13. The apparatus according to claim 12, wherein the background light and the backlight are modulated out of phase with each other.

14. The apparatus according to claim 1, further comprising a top light disposed on a top of the apparatus, wherein the top light is a diffuse light forming a layer on the top of the apparatus.

15. The apparatus according to claim 1, further comprising:

a window disposed on the housing; and

a flag configured for display in the window when the tube-retention cover is closed to retain the drip chamber.

16. The apparatus according to claim 1, further comprising a dock configured to retain the housing.

17. The apparatus according to claim 16, further comprising a battery disposed within the housing, wherein the dock includes a magnetic coupler and the battery is coupled to a charging coupler, and the dock is configured to communicate energy from the magnetic coupler to the charging coupler when the housing is docked within the dock.

18. The apparatus according to claim 17, wherein the dock further comprises a power supply coupled to A/C power via an A/C cord the magnetic coupler to communicate energy from the magnetic coupler to the charging coupler.

19. The apparatus according to claim 16, wherein the dock includes a transceiver configured to communicate wirelessly.

20. The apparatus according to claim 16, wherein the dock includes a tilt sensor configured to determine a tilt of the dock and communicate the tilt to a processor within the apparatus.