Claims

1. A system for preparing a pharmaceutical compound, comprising:

a computing device comprising a processor and a user interface providing an operator with instructions for preparing the pharmaceutical compound;

a scale operatively coupled to the processor of the computing device; and

an enclosure housing comprising an image capture device and a barcode scanner, the enclosure housing supported by a supporting arm and coupled to a portion of the scale,

wherein the image capture device is operatively connected to the processor of the computing device and has a field of view positioned to capture an object positioned on the scale, wherein the enclosure housing has a curved front profile and an upper surface having a concave portion to minimize flow disturbance with the system positioned within a flow hood, and

wherein the barcode scanner has a sensor that is offset from the scale.

2. The system of claim 1, wherein the barcode scanner is angled with respect to the image capture device within the enclosure housing.

3. The system of claim 2, wherein the barcode scanner is angled at a 45° angle with respect to the field of view of the image capture device.

4. The system of claim 1, wherein the enclosure housing is supported by the supporting arm such that the enclosure housing is positioned above the scale.

5. The system of claim 1, wherein the enclosure housing is formed of an upper portion and a lower portion.

6. A system for preparing a pharmaceutical compound, comprising:

a computing device comprising a user interface providing an operator with instructions for preparing the pharmaceutical compound; and

a flow hood having positioned therein:

a scale operatively connected to the user interface; and

an enclosure housing comprising a camera positioned to capture an image of the scale during the preparation of the pharmaceutical compound, wherein the enclosure housing has a curved front profile and an upper surface having a concave portion to minimize flow disturbance with the system positioned within the flow hood.

7. The system of claim 6, wherein the enclosure housing is positioned above the scale.

8. The system of claim 6, wherein the enclosure housing further comprises a barcode scanner.

9. The system of claim 8, wherein the barcode scanner is angled with respect to the camera within the enclosure housing.

10. The system of claim 9, wherein the barcode scanner is angled at a 45° angle with respect to a field of view of an image capture device.