WHAT IS CLAIMED IS:

1. An electronic injection monitoring device configured to mate with a syringe having a flange, comprising:

a channel configured to receive at least a portion of the syringe;

one or more flange members configured to couple to the flange of the syringe and to be gripped during performance of an injection;

one or more force sensors connected to the flange members; and

a communication module configured to transmit data from the force sensors to an external device.

2. The electronic injection monitoring device of Claim 1, wherein the one or more force sensors are oriented to detect data associated with an amount of force applied to an underside of the injection monitoring device during performance of an injection.

3. The electronic injection monitoring device of Claim 1, wherein the one or more force sensors comprise two-stage switches or analog sensors.

4. The electronic injection monitoring device of Claim 1, wherein the one or more force sensors are configured to measure one or more of capacitance, resistance, inductance, reflectivity, and voltage.

5. The electronic injection monitoring device of Claim 1, further comprising a sensor configured to detect deployment of a safety shield of the syringe.

6. The electronic injection monitoring device of Claim 5, wherein the sensor is a switch configured to activate in response to movement of a housing member of the syringe during deployment of the safety shield.

7. The electronic injection monitoring device of Claim 5, wherein the sensor configured to detect deployment of the safety shield is one of the one or more force sensors.

8. The electronic injection monitoring device of Claim 1, further comprising one or more orientation sensors.

9. The electronic injection monitoring device of Claim 1, further comprising a processor configured to read data from the one or more force sensors and determine a state of the syringe.

10. The electronic injection monitoring device of Claim 9, wherein the processor is configured to determine one or more of dose activation, dose progression, and dose completion based at least in part on the data from the one or more force sensors.

11. The electronic injection monitoring device of Claim 9, wherein the processor is configured to determine an amount of medicament injected by the syringe based at least in part on the data from the one or more force sensors.

12. The electronic injection monitoring device of Claim 9, wherein the processor is configured to determine deployment of a safety shield of the syringe based at least in part on the data from the one or more force sensors.

13. The electronic injection monitoring device of Claim 1, further comprising a temperature sensor.

14. An electronic injection monitoring device configured to mate with a syringe having a plunger, comprising:

a body configured to mate with a proximal end of the syringe plunger;

one or more force sensors positioned within an interior portion of the body, and

a communication module configured to transmit data to an external device from the one or more force sensors.

15. The electronic injection monitoring device of Claim 14, wherein the one or more force sensors are oriented to detect data associated with an amount of force applied to a top surface of the injection monitoring device during performance of an injection.

16. The electronic injection monitoring device of Claim 14, wherein the one or more force sensors comprise two-stage switches or analog sensors.

17. The electronic injection monitoring device of Claim 14, wherein the one or more force sensors are configured to measure one or more of capacitance, resistance, inductance, reflectivity, and voltage.

18. The electronic injection monitoring device of Claim 14, further comprising a sensor configured to detect deployment of a safety shield of the syringe.

19. The electronic injection monitoring device of Claim 18, wherein the sensor configured to detect deployment of the safety shield is one of the one or more force sensors.