Report

**Document Name: HRS\_new\_pump**

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| --- | --- |
| Child Tag | Parent Tag/tags |
| PUMP:HRS:100 | [PUMP:PRS:100] |
| PUMP:HRS:105 | [PUMP:PRS:103] |
| PUMP:HRS:1000 | [PUMP:PRS:1000] |
| PUMP:HRS:3330 | [PUMP:PRS:3330] |
| PUMP:HRS:3340 | [PUMP:PRS:3330] |
| PUMP:HRS:3350 | [PUMP:PRS:3350] |

PUMP:HRS:100

The pump shall include a rechargeable Lithium Polymer Battery.

* [PUMP:PRS:100]

PUMP:HRS:105

The pump shall include fuel gauge hardware for the lithium polymer battery. The battery charge shall be displayed to the user.

* [PUMP:PRS:103]

PUMP:HRS:1000

The pump shall include pressure sensors for use in conjunction with the ideal gas law. The gas law shall be used to estimate remaining insulin volume.

* [PUMP:PRS:1000]

PUMP:HRS:3330

The pump shall weight no more than 8 ounces dry.

* [PUMP:PRS:3330]

PUMP:HRS:3340

The pump shall fit within a volume of 3” by 2” by 0.75”.

* [PUMP:PRS:3330]

PUMP:HRS:3350

The pump shall include a full color touchscreen.

* [PUMP:PRS:3350]

**Document Name: HDS\_new\_pump**

|  |  |
| --- | --- |
| Child Tag | Parent Tag/tags |
| PUMP:HRD:100 | [PUMP:HRS:100] |
| PUMP:HRD:105 | [PUMP:HRS:103] |
| PUMP:HRD:1000 | [PUMP:HRS:1000] |
| PUMP:HRD:3330 | [PUMP:HRS:3330] |
| PUMP:HRD:3350 | [PUMP:HRS:3350] |

PUMP:HRD:100

Details regarding the rechargeable Lithium Polymer Battery.

* [PUMP:HRS:100]

The pump shall include a rechargeable Lithium Polymer Battery.

PUMP:HRD:105

Details regarding the fuel gauge hardware for the lithium polymer battery. The battery charge shall be displayed to the user.

* [PUMP:HRS:103]

PUMP:HRD:1000

Details regarding the pressure sensors for use in conjunction with the ideal gas law.

* [PUMP:HRS:1000]

The pump shall include pressure sensors for use in conjunction with the ideal gas law. The gas law shall be used to estimate remaining insulin volume.

PUMP:HRD:3330

Details regarding the size and weight of the pump.

* [PUMP:HRS:3330]

The pump shall weight no more than 8 ounces dry.

PUMP:HRD:3350

Details regarding the full color touchscreen.

* [PUMP:HRS:3350]

The pump shall include a full color touchscreen.