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## CellKey™ System Specifications

| CELLKEY INSTRUMENT SPECIFICATIONS      |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| <b>Measurement Principles</b>          | Impedance                                                   |
| <b>Measurement Frequency Range</b>     | 1 kHz - 10 MHz                                              |
| <b>Assay Type</b>                      | Homogenous, cell-based                                      |
| <b>Measurement Modes</b>               |                                                             |
| Simultaneous fluid addition and read   | Endpoint and kinetic measurements                           |
| <b>Update Rate</b>                     |                                                             |
| 96-well                                | 2- or 10-second update rate                                 |
| <b>Microplate Formats</b>              |                                                             |
| CellKey™ Standard 96W microtiter plate | 96-well Sciex proprietary cell plate                        |
| Compound plate                         | 96-well and 384-well compound plates and reservoirs.        |
| <b>Fluidics</b>                        |                                                             |
| Format                                 | 96 well pipettor head                                       |
| Dispense Speed                         | Adjustable                                                  |
| Pipettor Height                        | Adjustable                                                  |
| Compound Mixing Capability             | Yes                                                         |
| Dispense Volume                        | 0 - 200 µL                                                  |
| <b>Temperature Range</b>               |                                                             |
| Analysis Range                         | 17-37 °C (Depending on ambient)                             |
| Ambient Range                          | 15-30 °C                                                    |
| <b>Physical Attributes</b>             |                                                             |
| Benchtop                               | Yes                                                         |
| Dimensions                             | HxWxD = 700 mm x 850 mm x 580 mm<br>(28 in x 33 in x 23 in) |
| Weight                                 | 128 kg (282 lbs)                                            |
| <b>Deck Positions</b>                  |                                                             |
| Read positions                         | One                                                         |
| Compound plate positions               | Two                                                         |
| Tip-loading positions                  | One                                                         |
| <b>Electrical</b>                      |                                                             |
| Power consumption                      | 630W                                                        |
| Line voltage and frequency             | 100 - 120 or 200-240V (self adjusting)<br>50 or 60 Hz       |