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| **DETECTION MODES** |
| |  | | --- | | Absorbance / End point / Kinetic / CUTOFF and Multi point | |
| **OPTICAL SYSTEM** |
| |  |  | | --- | --- | | Light source | Tungsten halogen | | Filter wheel | 6 positions (2 optional) | | Wavelength range | 400 - 670 nm | | Filters | 405, 450, 492 and 630nm | | Measurements | From 0.0 to 3.5A | | Bandwidth | 10nm | |
| **ABSORBANCE** |
| |  |  | | --- | --- | | Dynamic range | 0 to 3.5 OD | | Resolution | 0.001 OD | | Monochromatic Reading time 96 wells | 12 seconds | | Bichromatic readings Reading time | 20 seconds | | OD accuracy | <1% at 2.5 OD | | OD linearity | <1% at 2.5 OD  <3% at 3.0 OD | | OD repeatability | <1% at 2.5 | |
| **INTERFACE** |
| |  |  | | --- | --- | | Screen | Graphic LCD 240x128 pixels | | Keyboard | Tactile Soft - Touch | | Printer | Built-in 57mm thermal printer | | External Printer | Optional | | PC connection | Optional | |
| **MEMORY** |
| |  | | --- | | 100 user-programmable Tests | |
| **MICROPLATE TYPES** |
| |  | | --- | | 96-well Reader Control Software and Data Analysis for raw data ABS OD, Cutoff and Multi standard up to 10 calibrators | |
| **POWER / DIMENSIONS** |
| |  |  | | --- | --- | | Voltage | 100-220 V | | AC | 50 - 60 Hz | | Temperature | 10° to 40° C | | Dimensions | 22 x 32 x 16 cms | | Weight | 8.6 kgs | |