

Description of Equipment Need

The New Jersey Department of Agriculture (NJDA), Animal Health Diagnostic Laboratory (AHDL) provides histopathology services in the form of microscopic examination of biopsy and necropsy tissue specimens received from practicing veterinarians, private food and companion animal owners, regulatory agencies, law enforcement agencies, racetrack, wildlife, zoo, and nonprofit animal facilities.

The AHDL is looking for a laser cassette printer as well as a laser slide printer to improve and enhance the current slide/case preparation process. This enhancement will enable the AHDL to print cassettes as well as slides with laser printing to improve the readability and clarity of case identification. In turn, the AHDL will be able to utilize this label identification style for all types of case processing such as routine biopsy and necropsy tissue slides and legal case consultation. The laser cassette and laser slide printers also enable the AHDL to utilize the longevity of permanent specimen identification that is resistant to degradation.

Specifications for a laser cassette printer:

Laser Cassette Printer, AC,220-240V, 50/60 Hz, 350 Watts
Ultraviolet laser
Laser power: 1 Watt
Equipment noise: ≤65dB
Data interface: USB 2.0
Cassette printing speed: Every 3-5 seconds per cassette (on-demand printing).
High res. print options: 500 DPI
Number of hoppers : 6 hoppers for cassettes with or without lids.
Cassette capacity per hopper: 80 cassettes per hoppers
Total cassette capacity: 480 cassettes
Output tray capacity: 6 cassettes
Jam free printing.
1D and 2D barcodes, alphanumeric, graphic and logo printing.

Specifications for a laser slide printer:

Laser Slide Printer, AC,220-240V, 50/60 Hz, 300 Watts
Ultraviolet laser
Laser power: 1 Watt
Equipment noise: ≤65dB
Data interface: USB 2.0
Slide printing speed: > 3 sec. per slide, 20 slides per min.
High res. print options: 500 x 500 DPIs
Slide capacity: 100 slides
Output tray capacity: 35 slides
On-demanding printing
Barcode, QR code, logo, alphanumeric, graphic printing

