

MARK-V MultiDodge Contact Printer

Now Available with Fully Automatic Operation for Significantly Increased Output

Features

- Egoltronic's Mark V is NOW available with Fully Automatic operation, including the exclusive "Frame Finder" which permits the operator to program a specific frame or several frames to be printed. The automatic version can also be used in normal step-and-repeat operation, with the printer centering each frame for reproduction. The automatic roll media transport, paper or film, and the adjustable vacuum platen complete fully automatic operation of the new Mark V.
- The Mark V Contact Printer utilizes the MultiDodge control system to produce optimum quality prints and diapositives. The microprocessor controlled exposure produces maximum quality and detail in highlight and shadow areas, which can be dodged independently and incrementally.
- Dodging, or contrast compensation, can be accomplished manually or automatically, using Egol's patented Prescan to measure Dmin, Dmax and Average Density and automatically correct exposure and dodging levels. The result is frame-to-frame consistency and repeatability.
- The combination of intensity modulation (IM) and velocity modulation (VM) results in shorter exposure times, an extended dodging range, 2.4 density units in each of four brightness levels (brightness range of 250:1).
- The menu-driven keypad interface permits the user to establish and store exposure and dodging settings for a wide variety of photographic materials and imagery. Keypad entry is operator friendly, menu-driven, and easy to understand and operate.
- The Mark V's vacuum platen provides rapid and uniform contact while eliminating pressure-generated image distortion.
- A variety of phosphors are available to optimize the CRT light source for use with various original films, reproduction media and processing systems.
- Automatic operation also results in better paper utilization, as there is less waste between prints.



EGOLTRONICS

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MARK-V

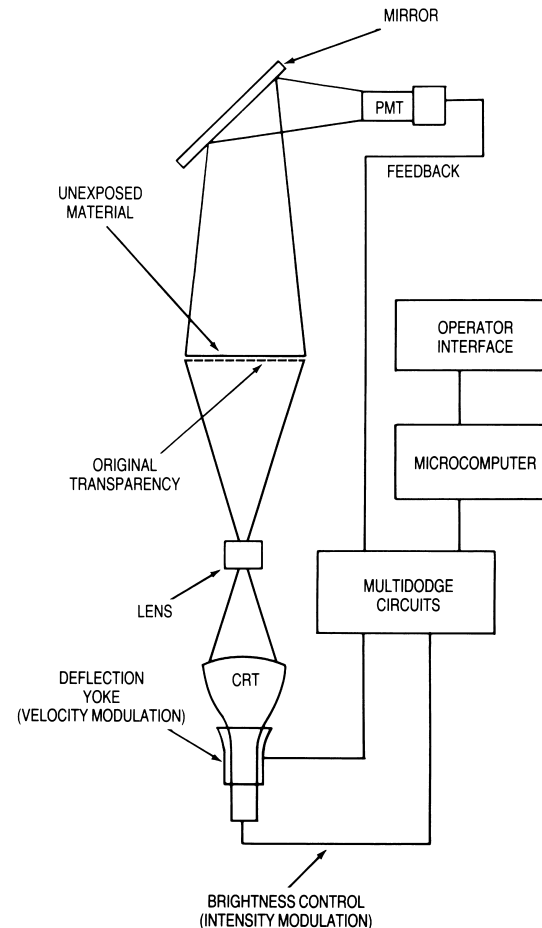
MultiDodge Contact Printer

Performance Specifications

1. Modular Solid-State electronics, microprocessor-based using highspeed C-MOS;
2. Microprocessor-controlled Evaluation and Exposure system;
3. Patented Velocity and Intensity Modulation with capability to ratio the two, from equal IM/VM to VM only;
4. Patented Prescan to automatically determine Dmin, Dmax and Average Density of negative;
5. Microprocessor-controlled automatic calibration of PMT;
6. Non-volatile digital memory storage - 100 operator-entered exposure programs in addition to Auto Exposure;
7. Independent Highlight and Shadow control around a selected midpoint - each has 10 discrete steps;
8. Exposure Value Range of 972:1, with full and 10th stop levels;
9. Brightness Range from 2000 down to 8 microamps;
10. Midtone Range of 0.3 to 1.7 density units, in steps of 0.1 density units.
11. Four selectable Brightness Levels with spot size down to 0.032";
12. Operator uses LCD display with prompting menu for calibration and operations - all commands to printer are made through keypad;
13. PMT protected from accidental exposure;
14. Modular Color and B&W CRT Assemblies for easy change (optional Carousel offers change in seconds);
15. Print up to 10" standard, 10"X20" optional;
16. Exposure data printed out in hard copy with each exposure if desired; and
17. Optics available from 100mm to 150mm, including high-speed lenses for color.

Options:

- Roll Paper/Film Media Transport
- Motorized Negative Roll Advance with Programmable "Go To Frame" Option
- Reduction (0.5X) and Enlargement (2X, 4X) Kits
- Automatic Platen Lifter
- Variety of CRT's for different materials



Physical Specifications

WEIGHT:

315 lbs./143 kg

ELECTRICAL REQUIREMENTS:

115 VAC @ 6.3 Amps or
230 VAC @ 3.15 Amps
50/60 Hz

DIMENSIONS:

Width: 26"/66cm
Depth: 26"/66cm
Height: 69.5"/176.5cm

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all specifications are subject to change without notice