

Aristo DL1200 Cold Light Head

Enlargers: Durst Laborator 1200

Coverage: 4 x 5 inch

Specifications: Complete System- 2 pc set with separate power pack

- Case Size: 5 31/32" L x 5 27/32" W x 2 1/8" H
- Watts: 70
- Weight: 2.3 lbs

Your Aristo cold Light unit is the finest diffusion source ever produced for the photographic enlarging process. It has everything that is desirable and necessary for a light source to have for this process. It is even, cool, fast and produces prints of contact print quality.

This DL1200 is a two part unit -lamp housing and power pack- which contains a 3 prong thermo cord which operates the thermostatically controlled heater. This is plugged into any available 115V outlet.

Installation:

- Plug thermo cord into the nearest available 115V outlet.
- Turn on the thermo-switch on the side of your Aristo unit.
Allow unit to warm up for about 5 minutes prior to making your first exposure.
- The plug out of the power pack is plugged into your timer (3-prong). Turn switch to "on" position.
- Leave slack on the cords coming out of the lamp housing to avoid lifting of the unit when enlarger is raised or lowered.

Thermostat Control

This feature is incorporated in all Aristo units. Thermo control maintains a continuous ambient warmth around the lamp insuring peak brightness at each start when operated through a timer or footswitch. Turn on your thermo switch or plug in your thermo cord and allow your unit to warm up for about 5-10 minutes before making any exposure.

To help speed up this warm-up period, the lamp may be turned on at the same time for about 3 minutes, then shut off. The unit is now ready to operate efficiently. The thermo control should be left on continuously for the duration of any day or working session.



Processing Recommendations:

- Negatives: Develop negatives 20-30% longer than recommended for normal. This becomes the “Normal” negative for cold light printing
- Paper: Expose paper so that full development time can be given. This will produce prints of good contrast and maximum quality, maintaining a full tonal range from the whitest highlights to the deepest blacks.
- Maintenance and Care: Clean your unit periodically. With a damp cloth wipe your lamp, reflector and diffusion plate of dust and dirt which may accumulate. Keeping the unit clean will help maintain optimum evenness, speed and contrast.

Adjusting the Projected Image Size:

Adjust the projected image size you want by raising or lowering the enlarger head; the higher the head, the larger the image. For rapid adjustment turn the inner milled knob to unlock the movement. Then grip this knob together with the knob on the opposite side to raise or lower the enlarger head rapidly to required level. After locking the inner milled knob turned the outer milled knob for fine adjustment.

Focusing: Focus the image by the focusing knobs.

Enlarging Exposures:

Raising or lowering the enlarger head yields the required enlargement size on the baseboard. Establish the correct exposure time either by making test strips or with suitable exposure measuring units. Generally stop down the enlarger lens by two stops to secure optimum definition and illumination.

Part Enlargements:

Even experienced photographers rarely manage to frame a picture in the camera exactly as they want it. Precise cropping is possible only during enlarging. Select the image area wanted with the mask inserts of the enlarger and with the adjustable masking strips of the negative carrier or the adjustable strips of the masking frame.

Giant Enlargements:

For giant enlargements project on the floor or on a wall. To do this, First unscrew the four hexagonal bolts which secure the column base to the baseboard. Then slack off the center bolt and rotate the socket and column with the enlarger head through 180 degree. Secure the column base to the baseboard again with the hexagonal bolts.

With a minimum of care, your Aristo cold light unit will give you years of faithful and trouble free service. All units are thoroughly checked and tested before leaving the factory, and are guaranteed for 60 days against defects in workmanship and materials. When ordering replacement lamps, transformers or diffusion elements for your unit, please specify your unit model number and lamp color.

Caution: Instructions are for guidance only. Aristo/Voltarc will not be responsible for any damage to lamp or lamp housing for items improperly installed.

