

ILFORD MULTIGRADE 500

ENLARGER HEAD AND CONTROL SYSTEM
INCORPORATING MEMORY FACILITY.
FOR SMALL TO MEDIUM FORMAT ENLARGERS



THIS SYMBOL ON THE NAMEPLATE MEANS THE PRODUCT
IS LISTED BY UNDERWRITERS LABORATORIES INC.

SAFETY PRECAUTIONS

Your photographic equipment is powered by mains electricity, and is designed to comply with international electrical safety standards. However, basic safety precautions must always be followed when operating electrical equipment, including the following:

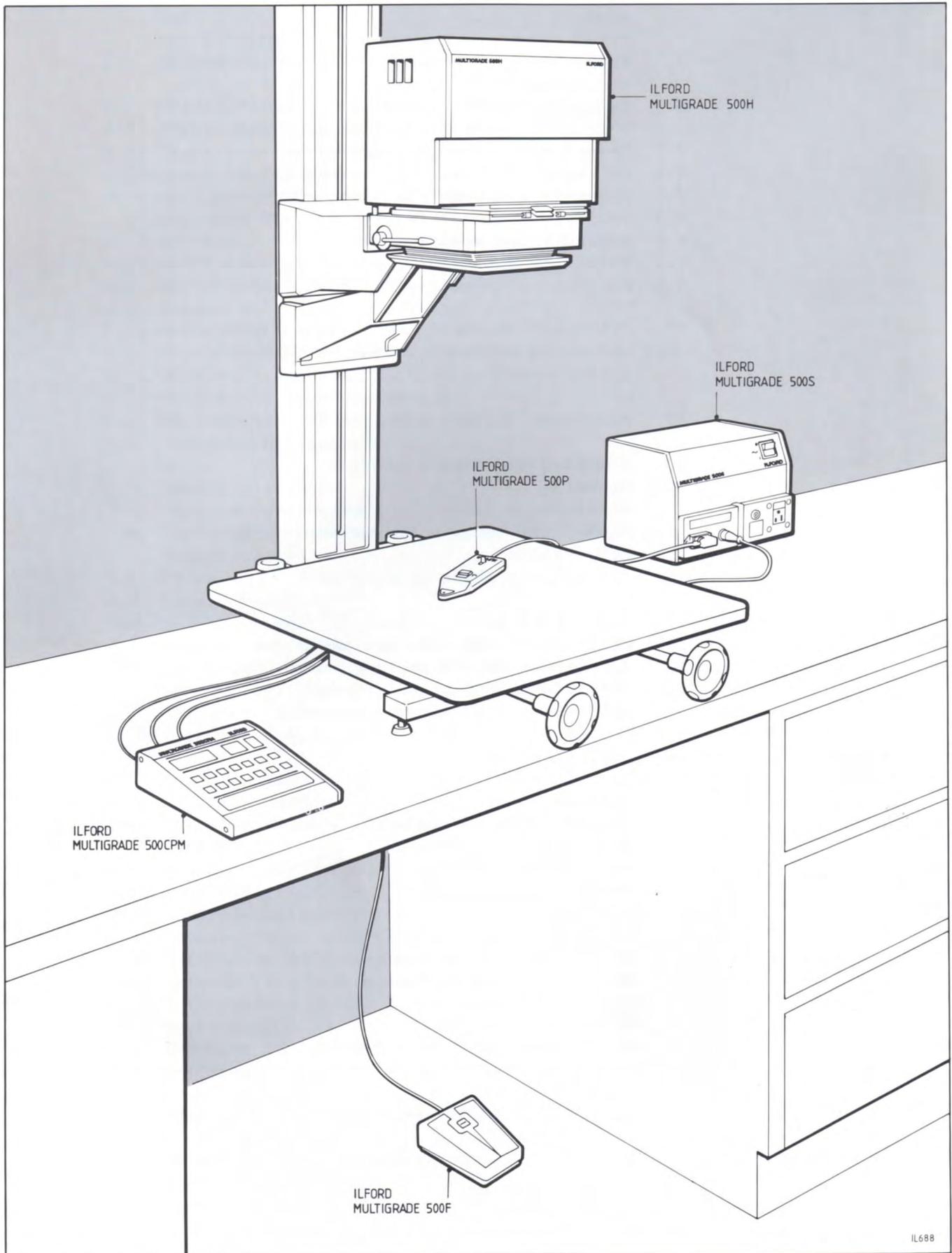
- 1 Read and understand all instructions.
- 2 Close supervision is necessary when the equipment is being used by inexperienced personnel.
- 3 Certain parts of the equipment become very hot with continuous use. Take care to avoid burns.
- 4 Do not operate equipment that has been dropped or damaged, or has damaged electrical cords. Have the equipment examined by qualified personnel.
- 5 Do not allow any electrical cord to touch hot surfaces.
- 6 Avoid scuffing any electrical cords that hang over the edge of working surfaces. Ensure the cords are arranged such that they cannot be pulled or tripped over (this applies also to any extension cords).
- 7 Ensure extension cords are of a suitable current rating to prevent the cord overheating.
- 8 Always unplug the equipment when it is not in use. Never pull plugs out by holding the cords.
- 9 Avoid contact with water and other liquids.
- 10 When operating the equipment, ensure the air flow through the side vents is not obstructed.
- 11 Do not dismantle the equipment unless you are qualified to do so. Incorrect assembly can cause hazards both to yourself and to the equipment.
- 12 Always obey local codes of practice, particularly for installation requirements.

Do not destroy these instructions

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The MULTIGRADE 500 system

Figure 1.1

The MULTIGRADE 500 enlarger head and control system (see figure 1.1) is for use on small to medium format enlargers where negative coverage is required up to 4x5 inches. The system incorporates the very latest in advanced electronics, and offers the black and white printer finger tip control of a wide range of contrasts.

The MULTIGRADE 500 system comprises the following elements:

- 1 MULTIGRADE 500H enlarger head
- 2 MULTIGRADE 500CPM control unit
- 3 MULTIGRADE 500S power supply

Available as optional extras are:

- 1 MULTIGRADE 500F footswitch
- 2 MULTIGRADE 500P exposure probe

The MULTIGRADE 500 system is designed for use with ILFORD MULTIGRADE variable contrast papers. These papers provide six full grades, high image quality and excellent latent image stability, and offer everything normally expected of graded papers - all in a single sheet.

The MULTIGRADE 500 system is easy to install and straightforward to use. By following the instructions given in this manual, quality prints, together with continuous and reliable operation, are assured.

Wall charts

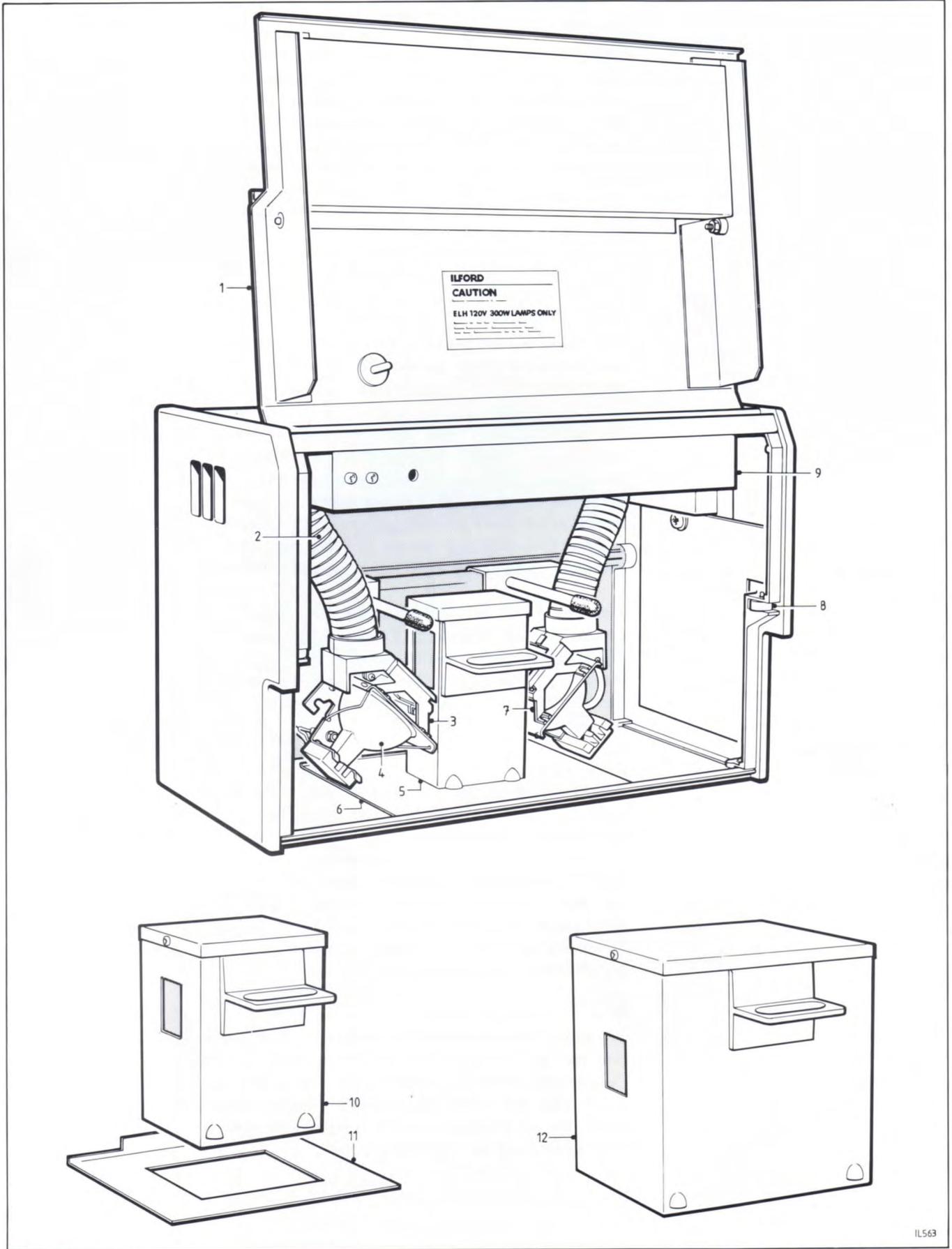
Two wall charts are supplied with this manual, and summarise the regular operating procedures.

ILFORD mid-tone density card

Is supplied with this manual, and is designed to help with the MULTIGRADE 500CPM control unit setting up procedure (see section 4.6).

Memory record sheet

Is supplied with this manual. The sheet can be photo-copied and used to record important memory sequences (see sections 7, 8 and 9). The completed photo-copy can then be stored with the negative and a reference print if required.



MULTIGRADE 500H enlarger head

Figure 2.1