

Staude dicofiche

Diazo duplicator

The **dicofiche** is a micro processor controlled automatic diazo duplicator, especially designed for use with high reduction factors (ie 50x microfiche).

Masters (microfiche or jackets) are copied onto diazo roll film (300 x 105 mm) which is cut to length after exposure.

The machine is easily operated, the operator being guided by a menu shown on a LCD display. Operator responses are entered via a touch key pad.

One or more master fiche are placed in the input hopper from which a pneumatically driven suction device removes one fiche at a time and places it in the copying platen. The platen automatically moves to the exposure station where it is brought together with the duplicating film and is exposed.

The duplicating film then is cut to exactly 148 mm + 0-0,5 mm. The duplicate is driven into the processor and a few seconds later deposited in the receiving hopper. When the platen returns to its original position (after the required number of duplicates have been made) the suction device removes the master platen and places it in the master receiving hopper. Simultaneously, a new master (if present) is placed onto the platen. The number of duplicates per master and the exposure time required can be pre-selected via the touch key pad. Thus, fully automated duplicating is ensured.

The **dicofiche** requires minimal operator attention.

Developer concentration is adjustable and controlled by the dosage pump. This ensures odourless operation, minimal developer and absorber consumption. The **dicofiche** switches the lamp automatically after an exposure to stand-by mode, thus ensures maximum lamp life.



Technical data:

Copying process	Sheet to roll (silver halide), masters to diazo roll film, duplicates are cut after exposure
Duplicating material	diazo roll film 300 m x 105 mm
Exposure time	variable
Exposure lamp	UV lamp 220 V / 400 W, automatic stand by mode switching
Cut accuracy	electronically controlled cutting motor – 148 mm (tolerance + 0-0,5 mm)
Dicofiche chemistry	diazo developer, diazo absorber
Principal of operation	pneumatic and vacuum
Electrical requirements	230 V / 50 Hz / 16 A fuse
Measurements	height – 115 cm, width – 114 cm, depth – 50 cm, weight – 104 kg
Copying speed	approx. 400 duplicates per hour



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