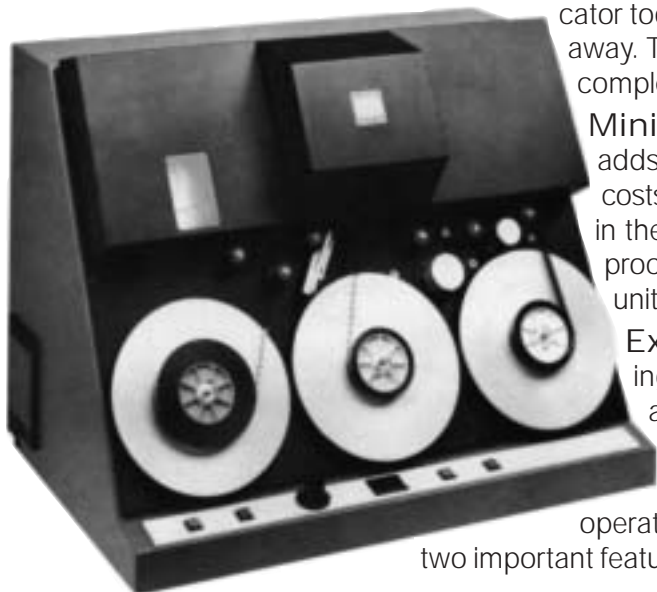


# DUPLICATORS/ROLL FILM 16MM/35MM

## Extek 5400/5401 The Intelligent Diazo Duplicators

Extek's diazo roll film duplicator is loaded with productivity-expanding, operator-safe, quality-assurance features never before available on a diazo duplicator. It has none of the disadvantages of competitive machines. Compare these features/benefits with any duplicator on the market:

**Unattended Operation.** Microprocessor control makes our new Model 5400 the only intelligent diazo roll film duplicator today. An operator can load the duplicator, press START, and walk away. The duplicator stops automatically and sounds a chime after the completed duplicate is on the take-up spindle.



**Minimum Ammonia Consumption.** The intelligent duplicator adds developer to the chamber only as needed. This reduces supply costs and permits placement of smaller, disposable supply bottles within the duplicator cabinet. With ammonia consumption under microprocessor control, and other unique ammonia handling features, the unit is completely safe for open-office operation.

**Extended Lamp Life.** Special bulb design, more efficient cooling, reduced lamp power in automatic standby, and protected automatic re-start... all contribute to longer expected lamp life.

**Operator Safety.** Total operator protection is another unique human-engineered feature of Model 5400. In several ways the operator is protected from hot surfaces and ultraviolet light exposure – two important features not available on competitive diazo duplicators.

*Model 5400 – The Intelligent Duplicator!*

- Hinged cover protects duplicate supply roll from ambient light.
- Marks on duplicate supply disc let you know how much film remains.
- An easy-access alcove (not shown) within the duplicator provides space for developer and absorber supply bottles.

- Both can be readily seen to check supplies. No ugly tubes protrude to inconvenient external supply areas.
- Developer (aqueous ammonia) is packaged in valved bottles with sealed ports. No ammonia fumes can escape during bottle changeover.
- Threading guide for fast-and-easy film loading.

### Typical Machine Characteristics

#### Model 5400

**Film Size:** 16mm. Thickness 2.0 mil to 6 mil. Master and duplicating film may have different thickness.

**Film Type:** Master – Silver Halide, Diazo, Vesicular; Duplicate – Diazo.

**Film Capacity (each spindle):** Maximum roll diameter 9.2" (234mm); 2000' (610m) of 2.5 mil film. Spindles 0.31" (7.9mm), or 1" (25mm) with adapters.

**Machine Speed:** 0 to 80' per min. (24.4m per min.), operator adjustable.

**Development System:** 26 Baumé aqueous ammonia. Capacity 550 ml. Self-contained absorber. Capacity 1000 ml.

**Power Requirements:**

Model	AC Input (single phase)	Current: Max Standby
5400	105 to 130 Volts 60 Hz	13 Amps 5 Amps
5400E	210 to 260 Volts 50 Hz	6.5 Amps 2.5 Amps

**Environment:** Daylight operation. Recommended relative humidity range 60 to 85%. Heat load less than 3700 BTU per hour, operating; 2900 BTU per hour, standby. Venting not required.

**Weight:**

Model	Unit Weight	Shipping Weight
5400	150 lbs. (68 kg)	185 lbs. (84 kg)
5400E	150 lbs. (68 kg)	185 lbs. (84 kg)

**Dimensions:** 24"H x 30 1/2"W x 21"D (610mm x 775mm x 533mm).

#### Model 5401

**Film Size:** 16mm or 35mm. Thickness 2.0 mil to 6 mil. Master and duplicating film may have different thickness.

**Film Type:** Master – Silver Halide, Diazo, Vesicular; Duplicate – Diazo.

**Film Capacity (each spindle):** Maximum roll diameter 9.2" (234mm); 2000' (610m) of 2.5 mil film. Spindles 0.31" (7.9mm), or 1" (25mm) with adapters.

**Machine Speed:** 0 to 100' per min. (30.5m per min.), operator adjustable.

**Development System:** Developer: 26 Baumé aqueous ammonia in 1 gal. (3.8 l) plastic container with 38mm closure. Absorber: In 2 gal. (7.6 l) plastic container.

**Power Requirements:**

Model	AC Input (single phase)	Current: Max Standby
5401	105 to 130 Volts 60 Hz	13 Amps 5 Amps
5401E	210 to 260 Volts 50 Hz	7.5 Amps 5 Amps

**Environment:** Daylight operation. Recommended relative humidity range 60 to 85%. Heat load less than 3700 BTU per hour, operating; 2900 BTU per hour, standby. Venting not required.

**Weight:**

Model	Unit Weight	Shipping Weight
5401	170 lbs. (77 kg)	205 lbs. (93 kg)
5401E	170 lbs. (77 kg)	205 lbs. (93 kg)

**Dimensions:** 24"H x 30 1/2"W x 21"D (610mm x 775mm x 533mm).