



Analogue A4 black/white printer for medical, scientific and any other applications, which requires an A4 black/white documentation. Due to new thermal head the UP-970 offers a high resolution.

The thermal head provides 1280 dots and 256 grey scales, ensuring high resolution prints with the level of reproduced detail required for medical proofing, scientific filing, manufactural reviewing and similar applications. The UP-970 is ideal for simple picture printing from mobile C-arm or ultrasonic imaging equipment, for time lapse VTR playback capturing and for electron microscope applications

## Features

- Disassembling the product
- Thorough visual inspection
- Replacement or refurbishment of non-working or damaged parts
- Final complete cleaning of the entire product
- Extended testing of the product to ensure item is fully functional; including extended burn-ins and overnight testing
- Quality Inspection Process to ensure that repairs are performed correctly and that the configuration matches the requirement
- Shipment of the repaired product in our unique and special packaging to guarantee that your newly repaired product arrives damage free



# Specifications

## Dimensions

Size: 316 x 132.5 x 305 mm, 12 1/2 x 5 1/4 x 12 1/8 inches  
Weight: 8 kg, 17lb 10 oz

## Physical Specifications

Printing Method: Direct thermal printing  
Resolution: 325 dpi  
Gradations: 8 bits (256 levels) processing  
Picture Elements: Digital: 3,414 x 2,560 dots, EIA: 1,280 x 508 dots, CCIR: 1,280 x 612 dots

## Paper

EIA: 187 x 140 mm (7 3/8 x 5 1/2 inches) \*1  
CCIR: 187 x 138 mm (7 3/8 x 5 3/8 inches) \*1  
EIA: 249 x 188 mm (9 3/4 x 7 3/8 inches) \*2  
CCIR: 249 x 186 mm (9 3/4 x 7 3/8 inches) \*2  
Paper Size: Paper width of 210 mm (8 1/4 inches)

## Printing Time

Approx. 8 seconds/ image (in standard mode)

## Picture Memory

Digital mode: Max. 3,414 x 2,560 dots  
Analog mode: 6 frames (800k x 8 bits per frame)

## Interface

Digital mode: Max. 3,414 x 2,560 dots  
Analog mode: 6 frames (800k x 8 bits per frame)

## System

Control Connectors: Stereo mini jack (x1)  
Printer Driver Software: Microsoft Windows 2000/XP/Vista  
Power Requirements: AC 100 V to 240 V, 50/60 Hz  
Input Current: 2.4 A to 1.3 A  
Operating Temperature: 5°C to 35°C (41°F to 95°F)  
Operating Humidity: 20% to 80% (no condensation allowed)  
Storage & Transport Temperature: -20°C to +60°C, -4°F to +140°F  
Storage & Transport Humidity: 20% to 80%