FUJIFILM

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3. SUMMARY OF OPERATION AND FUNCTION

FUJIFILM DIGITAL PRINTER, Model NX-500 is a color printer for the post size which is adopted the cartridge-free Thermo-Autochrome (TA) color printing system. The Thermo-Autochrome color printing system is characterized by a heat-sensitive 'Thermo' dry printing process and the 'Autochrome'color synthesizing properties of multi-layer coated thermo-sensitive paper.

Each layer of Yellow, Magenta and Cyan (Y, M, and C) on a TA paper orderly reacts to generate those color-portion of the image by the thermal energy with the specified level. The entire print is irradiated by a UV lamp, which fixes the color by decomposing the undeveloped color elements in each layer every time treating by the thermal energy.

Namely, the TA paper resolves three times. Upon each revolution, one color (Y, M or C) is synthesized as a reaction to the heat of the thermal head.

This digital printer, NX-500 can print directly images recorded on a SSFDC (Image Memory Card) onto a TA paper and output signals to a monitor TV or a PC (personal computer) with the USB terminal.

This Model NX-500 can print digital images from a PC with the USB terminal on a TA. Accordingly, this product has the USB Terminal for connecting to a PC, as well as a Video Terminal for TV.

4. TEST FACILITY

The open area test site and conducted measurement facility of TDK EMC Center used to collect the radiated data is located in 543 Otai, Saku-City, Nagano, Japan.

This TDK EMC Center Chikumagawa Open Site has been fully described in a report that they have submitted to your office, and accepted in your letter dated August 17, 1997 (31040 / SIT).

5. SUMMARY OF TEST RESULTS

Radiated Radio Noise Measurement ----------**PASS**
Conducted Radio Noise Measurement ----------**PASS**