Rev.2 April 6, 2010

Item			Contents	User	Note
1	Manuals	Packing & Unpacking Procedure	Procedure of Unpacking / Packing	Service Personnel (End-User)	
		Installation Manual	Hardware installation Software installation	Service Personnel (End-User)	
		Instruction Manual	Basic scanning operation / Handling paper jam about control panel (LEDs) Cleaning Replacement of rollers and Ribbon casette for imprinting Scanner Utility Program (see No.3)	Service Personnel End-User	
		TWIN User's Guide	TWAIN base GUI menu Setting of scanning parameter setting Error Code Trouble shoot Correction of Memory Dump(scanner) / Log Information (TWAIN)	Service Personnel End-User	
		TWAIN Developing Guide	TWAIN interface guide for development	Service Personnel End-User	
		Maintenance Manual	Procedure of (periodical) maintenance jobs Procedure of consumables and maintenance parts replacement Maintenance Tool (see No.2) Off-Line Test (see No.4) Auto Calibration (see No.5) Measurement for FA (see No.6) Memory Dump	Service Personnel	
		Troubleshooting Manual	Detailed for service personnel / To specify suspicious part	Service Personnel	
		Parts Catalog	Explanation of Consumables and Maintenance Parts	Service Personnel	
2	Maintenance Tool	<1> Display info. on Device Operation	To check the timing of roller replacement	Service Personnel	Maintenance Manual Chapter 7
		<2> Download firmware	When PCB is replaced		
		<3> Load / Save device unique information	When PCB is replaced		
		<4>Collect information stored in the memory	When PCB is replaced		
		~~<5> Reboot the device~~	Not used		
		<6> Display error information	When an error occurs during maintenance tool operation		
3	Scanner Utility program	<1> Reset parameters related to the rollers	When roller is replaced reset counter	Service Personnel End-User	Instruction Manual Section 2.6
		<2> Check imprinting condition	For print quality check		
		<3> Display the number of sheets each rollers feed	To check the timing of roller replacement		
4	Off-Line Test		Trouble shoot to confirm device is OK (Test sheets are required)	Service Personnel	Maintenance Manual Chapter 5
5	Auto Calibration	Check and calibration <1> Photo Amplifier <2> PC22N <3> Ultra Sonic Sensor <4> Hardware(Image distorsion) check <5> Sheet Feeding Speed		Service Personnel	Maintenance Manual Chapter 6
6	Measurement for FA	Measurement Items <1> Skew accuracy measurement <2> Block accuracy measurement <3> Scanning accuracy measurement <4> Display of calibration information <5> Information display of Photo / Video / SW / Ultra sonic sensor <6> Mechanical operation <7> Calibration of scanner <8> Measurement of USB data transfer rate	When detailed information is required for Failure Analysis	Service Personnel	Maintenance Manual Chapter 7.8

Quick Guide

(1) Installation Guide

(2) Safety

(3) Replacement of Consumables

(4) Quick Tips