IHARA

AMer • FM • XM • Concentric • Metal • Polyester • Paper

AccuDot
Digital Plate Analyzer

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50%

HIGH PERFORMANCE & RELIABILITY

The standalone handheld AccuDot plate reader is the latest innovation from Ihara Electronic Industries (Japan). This high performance plate reader can read all types of plates and screening, including polyester, metal, AM, FM, XM and concentric screening.

AccuDot is available in two models: Basic and Advanced.

MENU DRIVEN COMMANDS

Simply select the functions desired. No memorization or operation manual required.

HELP KEY PROVIDES EXPLANATION ON KEY FUNCTIONS

Detailed explanations are available for all measurement functions along with answers to frequently asked questions.

LARGE COLOR LCD DISPLAY

The AccuDot has a high resolution color LCD for easy viewing. The high resolution color image enables the operator to detect any anomalies on the plate.

EASY UPGRADE

The AccuDot has a built-in mini-USB connector for easy data communication and upgrade. Firmware upgrade is simply done over the Internet.

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TECHNICAL INFORMATION		AccuDot	
		Basic	Advanced
FUNCTIONS	Dot Area % (Plate)	X	X
	Dot Area % (Printed Material)		X
	Dot Size (Dot Diameter)		X
	Screen Ruling (Lines/inch or Lines/cm)		X
	Screen Angle		X
	Dot % Curve Display		X
	Dot Gain Curve Display		X
	Geometric Analysis		X
	Measurement Storage		200
MEASUREMENT CAPABILITIES	Popular Offset Plates	X	X
	Polyester Plates	X	X
	Printed Paper	X	X
	AM Screening (Halftone)	X	X
	FM Screening (Stochastic)	X	X
	XM Screening (Hybrid)	X	X
	Concentric Screening	X	X
MEASUREMENT RANGE	Dot Area %	0-100%	
	AM (Min.) - Lines/inch or Lines/cm	100	
	AM (Max.) - Lines/inch or Lines/cm	300	
	FM (Min.)	10	
	FM (Max.)	50	
HARDWARE & MEASUREMENT DATA	Light Source	LED	
	Light Color	White	
	Image Sensor	Color	
	Image Sensor Resolution (Pixels)	656(H)×492(V)	
	Target Size	φ1.0mm	
	Value Precision	1 decimal	
	Repeatability	±0.5%	
	Inter-Instrument Agreement	±0.5%	
	Setup Time	less than 3 sec. per patch	
	Measurement Time	~ 3 sec.	
	LCD Color Graphic Display	320×240 pixels (262,144 color)	
	Calibration	By User	
	Dimensions	200(L)×93(D)×73(H)mm 7.9(L)x3.7(D)x2.9(H)in	
	Weight	Approx. 500g/1.10lb. (Incl. Batteries)	
	Operating Temperature Range	41°F ~ 104°F (5°C~40°C)	
INTERFACE	Language	English	
		Japanese	
	Recharge Time	~2 hours	
	Data Interface	USB 2.0	
	Operating System	Windows 2000, XP	
	Minimum PC Specification	CPU: Pentium II 300MHz, 64MB RAM	
	Firmware Upgrade	Via Website	
POWER SUPPLY	Battery	Li-ion Battery	
	AC Adapter	Included	
	Measurements Per Charge	~ 2,000 (Continuous)	
ACCESSORIES	AC Adapter	X	X
	Operation Manual (CD)	X	X
	Aluminum Carrying Case	X	X
	USB Cable	X	X
	Software		X
	Security User Code (Password Protection)	Optional	Optional