

IHARA

ALEPHGRAPHICS

FM • XM • Concentric • Metal • Polyester • Paper

AccuDot

Digital Plate Analyzer



AM •

54
52
50
48
46

6
7
8
9
10
11
12
13

AccuDot

50%



ALEPHGRAPHICS

Digital Plate Analyzer

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.

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)×3.7(D)×2.9(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 XP, Vista, 7 & 8		
	Minimum PC Specification	CPU: Pentium II 300MHz, 64MB RAM		
	Firmware Upgrade	Via Website		
	Battery	Li-ion Battery		
POWER SUPPLY	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	

IHARA



ALEPHGRAPHICS
www.alephgraphics.com

7961 NW 14th St. | Tel : (305) 994 9933
Doral FL 33126 | Fax:(305) 994 9934

