PRECISE COLOR READER AMT501

Brief Introduction

AMT501 is a light-sensitive instrument mainly applied for the quality control in the field of plastic, painting, design, plating, costume, printing and dye. It works well for routine comparisons of similar colors and some advanced functions for color analysis can be accomplished.

Features

The 2.4" width colorful screen and portable design

Possibility of measuring any color of smooth surface

Display directly color difference by E*ab, L*a*b CIE_L*a*b, CIE_L*c*h, XYZ, RGB

SCI and SCE inspecting systems selectable and metamerism analysis for different working status

Three inspection conditions available

Professional color analysis software for the color data analysis and color difference diagrammatic output

Tolerance setting, humanizational auto-judge color difference values and color deviation for judging the color easily

Technical Specification

Repeat accuracy	Within E*ab0.08 interval measuring 30 times after calibrating white tabula
Error	Within E*ab0.5
Color space	XYZ, RGB, L*a*b, L*C*H, E*ab, L*a*b*, L*c*h*
Lighting/inspecting system	8/d 8° Falloff/diffuse reflection SCI include Flat Mirror Light SCE eliminate Flat Mirror Light
Light source	White light source
Measuring aperture	8mm
Field of view	10° regulated by CIE
Inspection condition	D65, D50, F11
Memory	13 groups of sample and 30 data for each sample (Without connecting to PC)
Interface	USB and RS232C
Power	1.5V AA batteries× 4, AC-DC alternating current
Operating environment	0 +70 ; lower than 85% relative humidity
Dimension	77mm× 86mm× 210mm
Net weight	550g (without batteies)

Standard Delivery

Main unit	1
Software	1
USB connecting cable	1
Standard black cavity	1
Standard white tabula	1
Batteries AA 1.5V	4
Power supply	1
Instruction manual	1
Certificate	1
Warranty card	1