



ENGLISH

Datasheet

**USB Digital Microscope with Measurement Software
(Model:SPD-8200U-C)(Semiautomatic Calibration)
Full range(10x~230X) calibration**



**Scientific Instrument**

USB Digital Microscope

Max. 2.00 MB Resolution

(1600X1200) ; Magnification Ratio

10-60X and 230X(>= 17" LCD

Display); 60-230X (Recommend

Specific Stand for Subtle Studying)

Product Specifications:

Image Sensor: 2.0 Mega pixels

(1/3.2")

Video Capture Resolution

1600x1200, 1280x1024, 640x480,

320x240

Still Image Capture Resolution: Max.

1600x1200

Focus Range Manual Focus From

10mm to infinitive

Frame Rate Max. 30f / s Under 600

Lux Brightness

Magnification Ratio 10-60X and

230X (>= 17" LCD Display); 60-230X

(Recommend Specific Stand for

Subtle Studying)

White Balance: Automatic

Exposure: Automatic

Light Source: 8 LED Fine Tuned

White Light (Adjustable)

OSD Language: Support

multi-languages (13 types) , English

for default

Power supply: 5V DC from USB Port

(No need for external Power)

size: 102mm (L) X30mm (R)

Image Editing and Measure**Software**

Edit the text on the picture

Draw line and measure the length

draw circle with radius and measure

the area of the circle

draw circle with diameter and

measure the area of the circle

draw circle with three point and

measure the area of the circle

draw rectangle and measure the

area of the rectangle

draw angle and measure the

degrees on angle

draw the polygon and measure the

area in polygon

System Requirements:

OS: Windows XP SP2/Vista and

Vista SP1,W7

CPU: Pentium IV 1.0G, Celeron,

AMD Athlon

CD-ROM

Available USB 2.0 port

256MB RAM

100MB available hard disk space

Graphic card: 16-bit

Accessories:

User Guide

CD ROM

Gift Box

Tripod Stand

APPLICATIONS:

1. School Labs

2. University Labs

3. Pathology Labs



ENGLISH

4. Agriculture Labs
5. Biotechnology Labs
6. Hospitals
7. Nursing Schools
8. Medical Colleges
9. Industrial Labs
10. Electronic Manufacturing unit for checking soldering and micro parts PCB and circuit,

Typical uses include:

Industrial Inspection
Computer Parts inspection
Telecom module inspection
Scientific teaching tool

Laboratory Research
Medical analysis
School Research tool
Insect dissection / examination
Plant dissection / examination
Skin examination
Scalp examination
Textile Inspection
Jewelry Inspection
Collections / Coin Inspection
Printing Inspection
Reading Aid
On-line chatting
Teacher Add as Project
Presentation