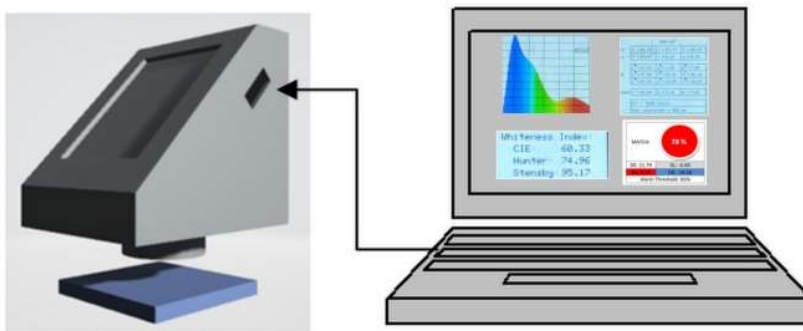
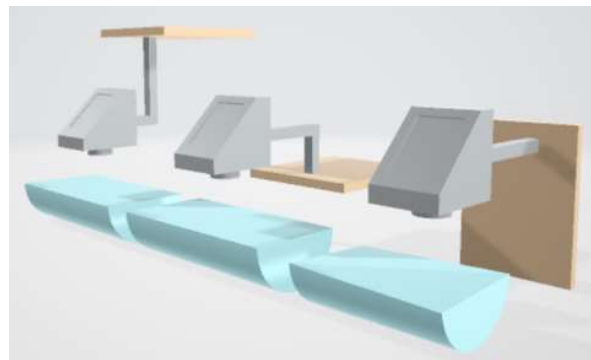


Sensegood Spectrophotometer for on-line / in-process / real-time measurements

Computer interface software – SensegoodSmart Utility –

Visualization



Sensegood Instruments Private Limited has global operations in USA, UK, France, Netherlands, Spain, Switzerland, Germany, Greece, Canada, Australia, New Zealand, Israel, Egypt, South Korea, Puerto Rico, Mexico, Brazil, South Africa, Oman, Panama, Costa Rica, Saudi Arabia, UAE, Malaysia, Bangladesh, Thailand, Lebanon, Chile, China, Peru, and Philippines.

– **PATENTED TECHNOLOGY**

Min

E

Smart Utility For Spectrophotometer

Save

Print

Export

Import

Send Reference to Device

Offset

Help

☒ Lab ☐ RGB

Settings

Take Reference Measurement

Or Enter Manually

L_{reference} a_{reference} b_{reference}

Above data will be used to calculate DE

Set Thresholds:

	Min	Max
L	51	55
a	-2	2
b	-4	4

DE $\leq$ DE = $\sqrt{(L_{\text{realtime}} - L_{\text{reference}})^2 + (a_{\text{realtime}} - a_{\text{reference}})^2 + (b_{\text{realtime}} - b_{\text{reference}})^2}$
 Match% $\geq$ Match% = Alarm Limit

Select Index:

- ☐ Whiteness Index - CIE
- ☒ Whiteness Index - Hunter
- ☐ Whiteness Index - Stensby
- ☐ Yellowness Index
- ☐ None

Repeat Interval: Min Sec

Min

E

Smart Utility For Spectrophotometer

Save

Print

Export

Import

Send Reference to Device

Offset

Help

☐ Lab ☒ RGB

Settings

Set Thresholds:

	Min	Max
R	192	203
G	195	205
B	210	220

Select Index:

- ☐ Whiteness Index - CIE
- ☐ Whiteness Index - Hunter
- ☒ Whiteness Index - Stensby
- ☐ Yellowness Index
- ☐ None

Repeat Interval: Min Sec

Apply

Cancel

Smart Utility For Spectrophotometer

Save

Print

Export

Import

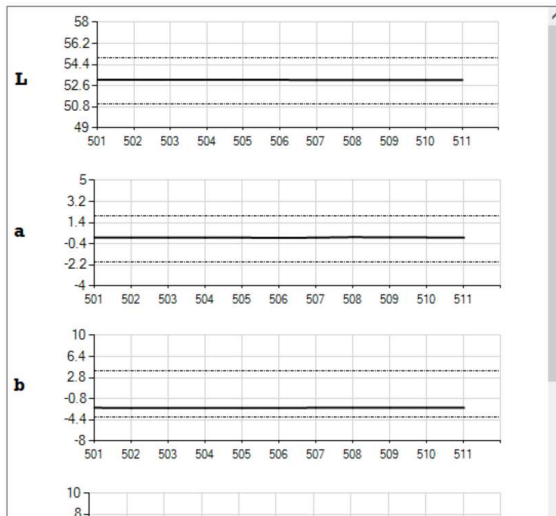
Send Reference to Device

Offset

Help



Real Time Analysis



Stop

Settings

Last Measurement:

L

53.08

a

0.13

b

-2.34

Index

51.47

MATCH :

100 %

 $\Delta E^* : 0.14$ $\Delta L^* : 0.14$ $\Delta a^* : 0.01$ $\Delta b^* : 0$

Alarm Limit : 95%

Smart Utility For Spectrophotometer

Save

Print

Export

Import

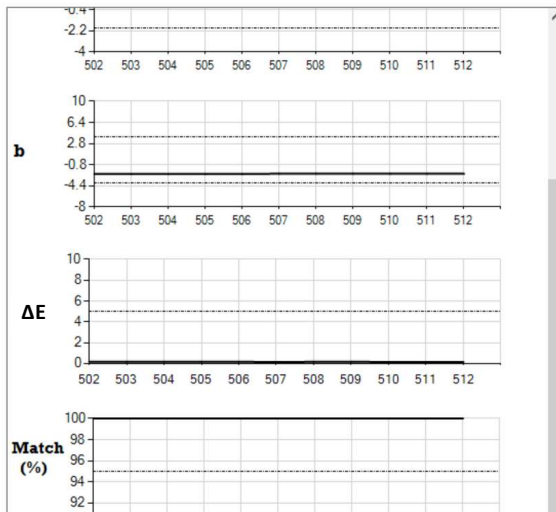
Send Reference to Device

Offset

Help



Real Time Analysis



Stop

Settings

Last Measurement:

L

53.08

a

0.13

b

-2.34

Index

51.47

MATCH :

100 %

 $\Delta E^* : 0.14$ $\Delta L^* : 0.14$ $\Delta a^* : 0.01$ $\Delta b^* : 0$

Alarm Limit : 95%

Smart Utility For Spectrophotometer

Save

Print

Export

Import

Send Reference to Device

Offset

Help



Offset

Fetch offset from the device

CIE L offset 0

CIE a offset 0

CIE b offset 0

Apply And Measure

CIE L 53.07

CIE a 0.14

CIE b -2.32

Save And Exit

Cancel

Smart Utility For Spectrophotometer

Save

Print

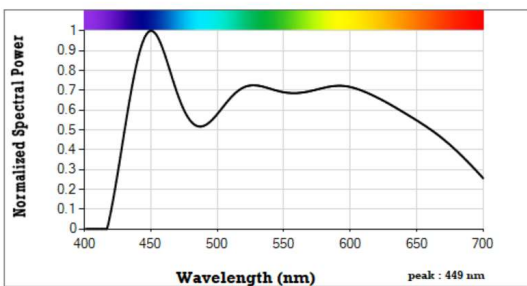
Export

Import

Send Reference to Device

Offset

Help



Index Is Not Selected
-Available Indices-

- Whiteness Index (CIE)
- Whiteness Index (Hunter)
- Whiteness Index (Stensby)
- Whiteness Index (All)
- Yellowness Index (YI)
- Baking Contrast Unit (BCU)
- Tomato Color Index (TCI)
- Ripening Index
- Citrus Color Index (CCI)
- Citrus Number (CN)
- Citrus Red (CR)
- SCAA Coffee Agtron Number

MATCH :

 ΔE^* : ΔL^* : Δa^* : Δb^* :

Alarm Limit :

Select Port :

COM16

E.g., Company details, operating station, sample description, batch and lot number, sample supplier details, date and time..

D65/10°

XYZ	X = 20.05	Y = 21.11	Z = 24
	Y = 21.11	x = 0.31	y = 0.33
CIE	L* = 53.07	a* = 0.14	b* = -2.32
	L* = 53.07	C* = 2.32	h° = 273.48
	L* = 53.07	u* = -1.17	v* = -3.23
Hunter	L = 45.95	a = 0.11	b = -1.82
CCT = 6578 Kelvin			
Peak Wavelength = 449 nm			
RGB = 126,127,127			
CMYK = 0.79,0,0,50.2			

Single Measurement

Real Time Analysis

Smart Utility For Spectrophotometer

Save

Print

Export

Import

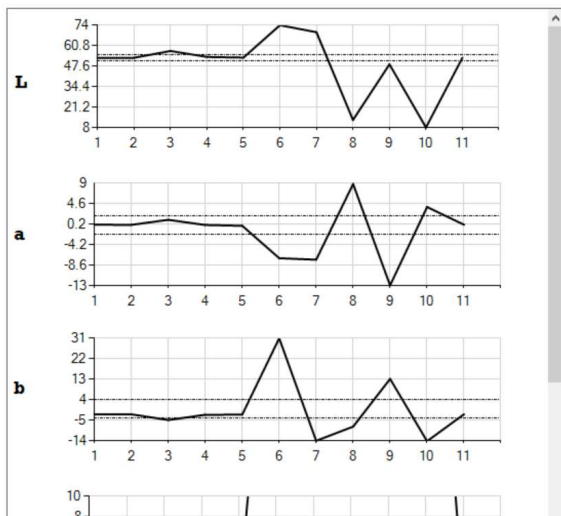
Send Reference to Device

Offset

Help



Real Time Analysis



Stop

Settings

Last Measurement:

L 53.18

a 0.14

b -2.28

Index 51.44

MATCH :

100 %

 ΔE^* : 0.25 ΔL^* : 0.24 Δa^* : 0.02 Δb^* : 0.06

Alarm Limit : 95%

Smart Utility For Spectrophotometer

Save

Print

Export

Import

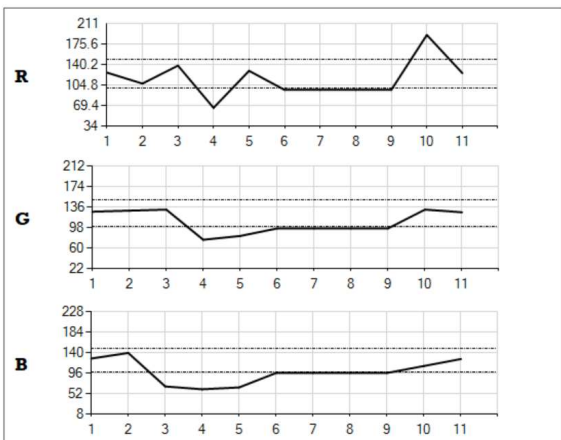
Send Reference to Device

Offset

Help



Real Time Analysis



Stop

Settings

Last Measurement:

R 126

G 127

B 127

Index 60.01

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