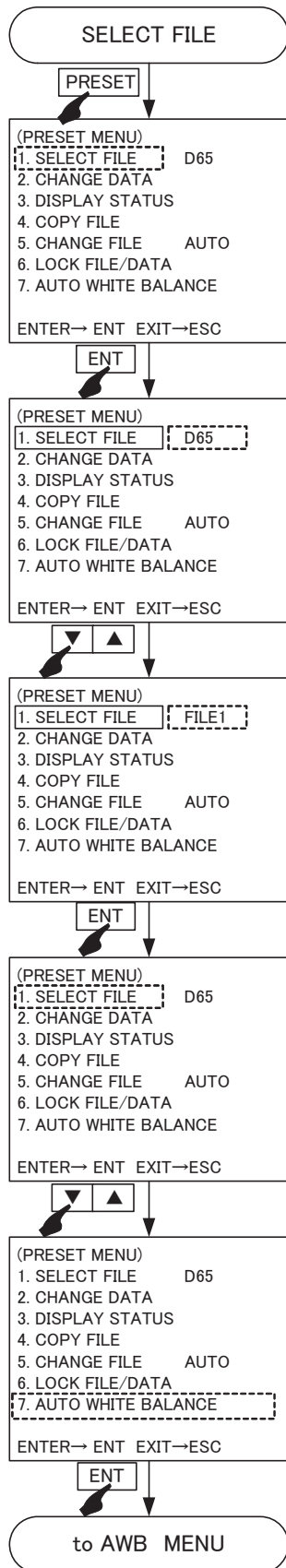**HD**

MODEL

ASP-100

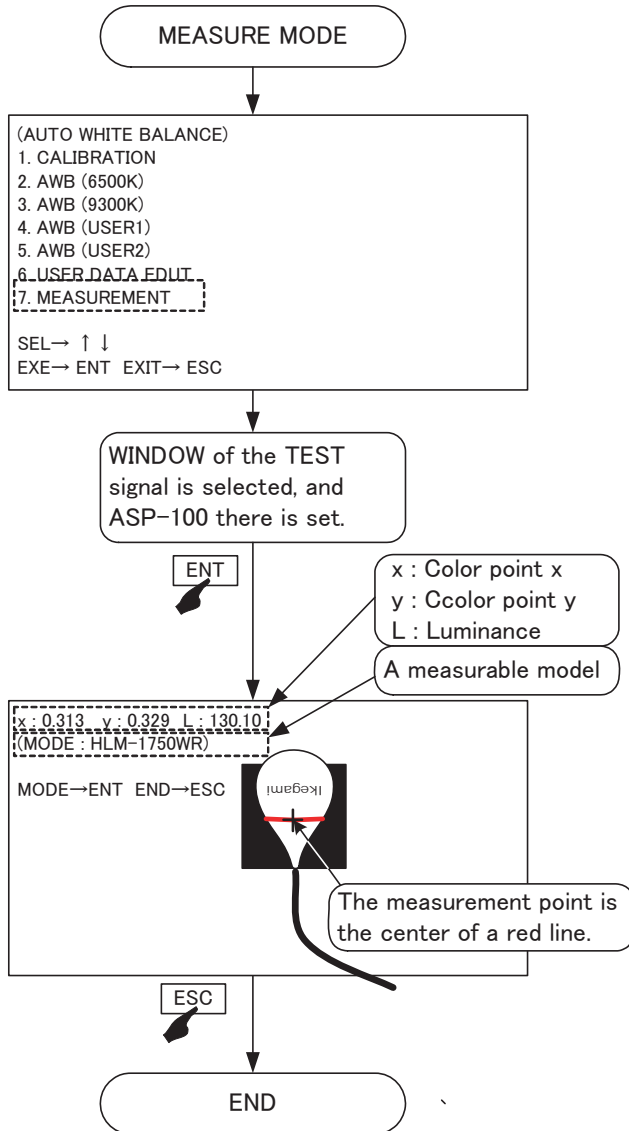**AUTO SET UP PROBE**

OPERATION MANUAL

Ikegami

1. AWB MENU

To Execute "AUTO WHITE BALANCE," go to PRESET MENU and select menu 7.   Before auto-adjusting the color temperature, select one of the 10 FILES (D65, D93, FILE 1~8)

```
┌─────────────────────┐
│     SELECT FILE      │
└─────────────────────┘
        PRESET
           │
           ▼
(PRESET MENU)
1. SELECT FILE        D65
2. CHANGE DATA
3. DISPLAY STATUS
4. COPY FILE
5. CHANGE FILE      AUTO
6. LOCK FILE/DATA
7. AUTO WHITE BALANCE

ENTER→ ENT  EXIT→ESC
```

```
ENT
 │
 ▼
(PRESET MENU)
1. SELECT FILE     D65
2. CHANGE DATA
3. DISPLAY STATUS
4. COPY FILE
5. CHANGE FILE      AUTO
6. LOCK FILE/DATA
7. AUTO WHITE BALANCE

ENTER→ ENT  EXIT→ESC
```

```
▼  ▲
 │
 ▼
(PRESET MENU)
1. SELECT FILE     FILE1
2. CHANGE DATA
3. DISPLAY STATUS
4. COPY FILE
5. CHANGE FILE      AUTO
6. LOCK FILE/DATA
7. AUTO WHITE BALANCE

ENTER→ ENT  EXIT→ESC
```

```
ENT
 │
 ▼
(PRESET MENU)
1. SELECT FILE        D65
2. CHANGE DATA
3. DISPLAY STATUS
4. COPY FILE
5. CHANGE FILE      AUTO
6. LOCK FILE/DATA
7. AUTO WHITE BALANCE

ENTER→ ENT  EXIT→ESC
```

```
▼  ▲
 │
 ▼
(PRESET MENU)
1. SELECT FILE        D65
2. CHANGE DATA
3. DISPLAY STATUS
4. COPY FILE
5. CHANGE FILE      AUTO
6. LOCK FILE/DATA
7. AUTO WHITE BALANCE

ENTER→ ENT  EXIT→ESC
```

```
ENT
 │
 ▼
┌─────────────────────┐
│    to AWB  MENU      │
└─────────────────────┘
```
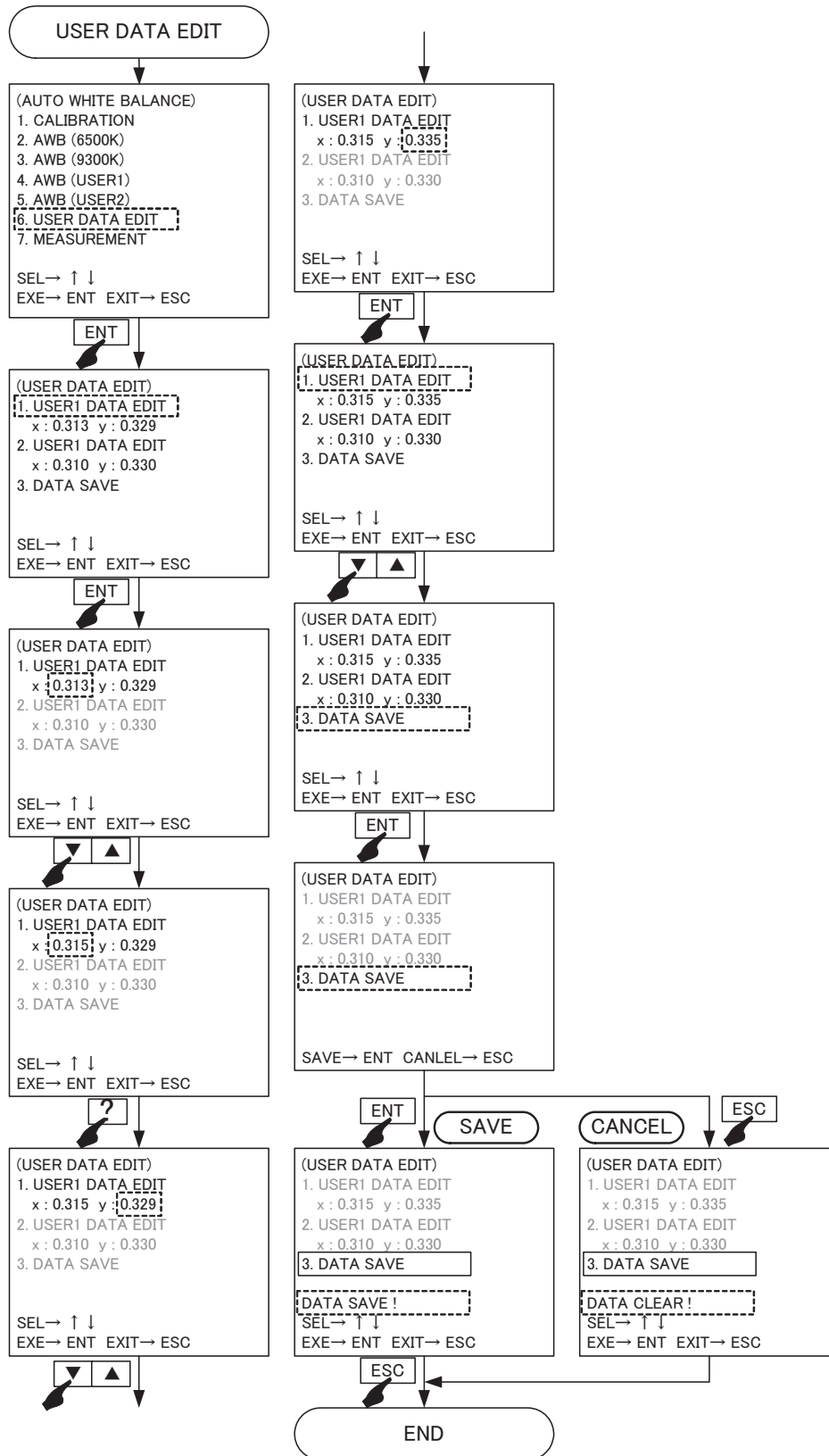
6. MEASUREMENT MODE

Luminance and chromaticity of the monitors connected to ASP-100 and/or other types of monitors can be measured. Because ASP-100 calibrates each Ikegami monitor with KONICA MINOLTA Spectro radiometer "CS1000," other types of LCD monitors would not calibrate properly with ASP-100 due to different spectrums.
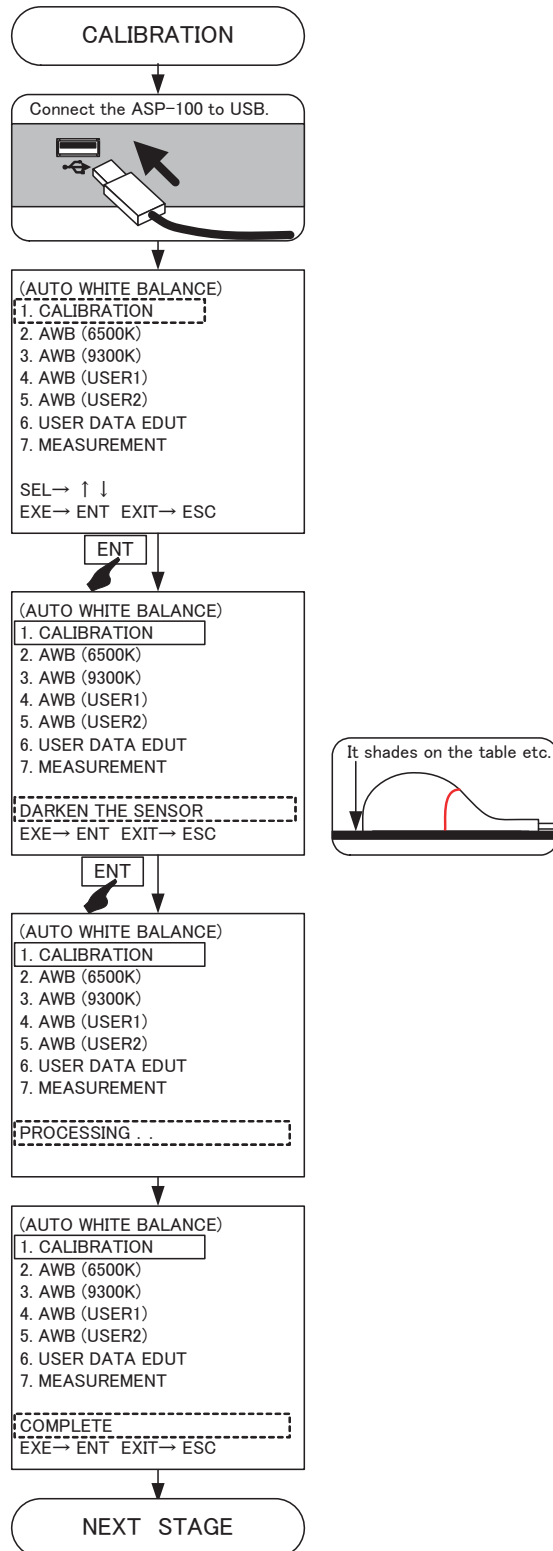
```
                    ┌─────────────────────┐
                    │    MEASURE MODE     │
                    └─────────────────────┘
                               │
    ┌──────────────────────────────────────────────┐
    │ (AUTO WHITE BALANCE)                          │
    │ 1. CALIBRATION                                │
    │ 2. AWB (6500K)                                │
    │ 3. AWB (9300K)                                │
    │ 4. AWB (USER1)                                │
    │ 5. AWB (USER2)                                │
    │ 6. USER DATA EDIT                             │
    │ 7. MEASUREMENT                                │
    │                                               │
    │ SEL→ ↑↓                                       │
    │ EXE→ ENT  EXIT→ ESC                           │
    └──────────────────────────────────────────────┘
                               │
                 ┌──────────────────────────┐
                 │ WINDOW of the TEST        │
                 │ signal is selected, and   │
                 │ ASP-100 there is set.     │
                 └──────────────────────────┘
                               │
                           [ENT]
```

x : Color point x
y : Ccolor point y
L : Luminance

A measurable model

x : 0.313 y : 0.329 L : 130.10
(MODE : HLM-1750WR)

MODE→ENT END→ESC

Ikegami

The measurement point is the center of a red line.

[ESC]

```
                    ┌─────────────────────┐
                    │        END          │
                    └─────────────────────┘
```

`

5. USER DATA EDIT

Change the chromaticity data on "USER 1/2." Below is the modification method of chromaticity data on "USER1 DATA."

```
                    ┌─────────────────────┐
                    │   USER DATA EDIT    │
                    └─────────────────────┘
```

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDIT
7. MEASUREMENT

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

ENT

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.313 y : 0.329
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

ENT

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.313 y : 0.329
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

▼ ▲

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.329
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

?

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.329
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

▼ ▲

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

ENT

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

▼ ▲

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

ENT

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

SAVE→ ENT CANLEL→ ESC

ENT **SAVE**   **CANCEL** **ESC**

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

DATA SAVE !
SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

(USER DATA EDIT)
1. USER1 DATA EDIT
   x : 0.315 y : 0.335
2. USER1 DATA EDIT
   x : 0.310 y : 0.330
3. DATA SAVE

DATA CLEAR !
SEL→ ↑ ↓
EXE→ ENT EXIT→ ESC

ESC

```
                    ┌─────────────────────┐
                    │         END         │
                    └─────────────────────┘
```
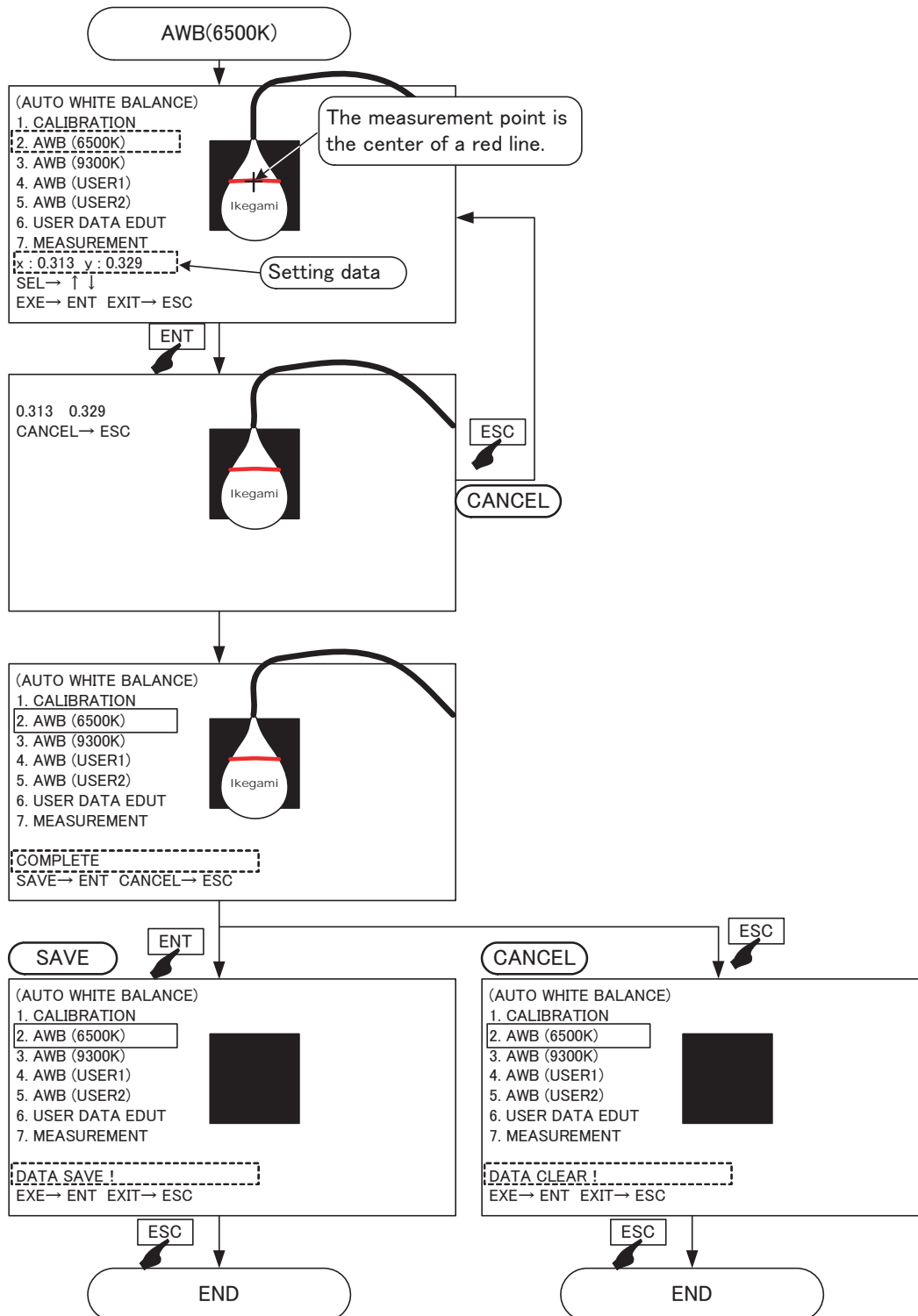
2. CALIBRATION

Before executing ASP-100, make sure to execute "CALIBRATION" after connecting the ASP-100 to USB. CALIBRATION will take approximately 30 seconds to execute. In the mean time, block out all the lights.
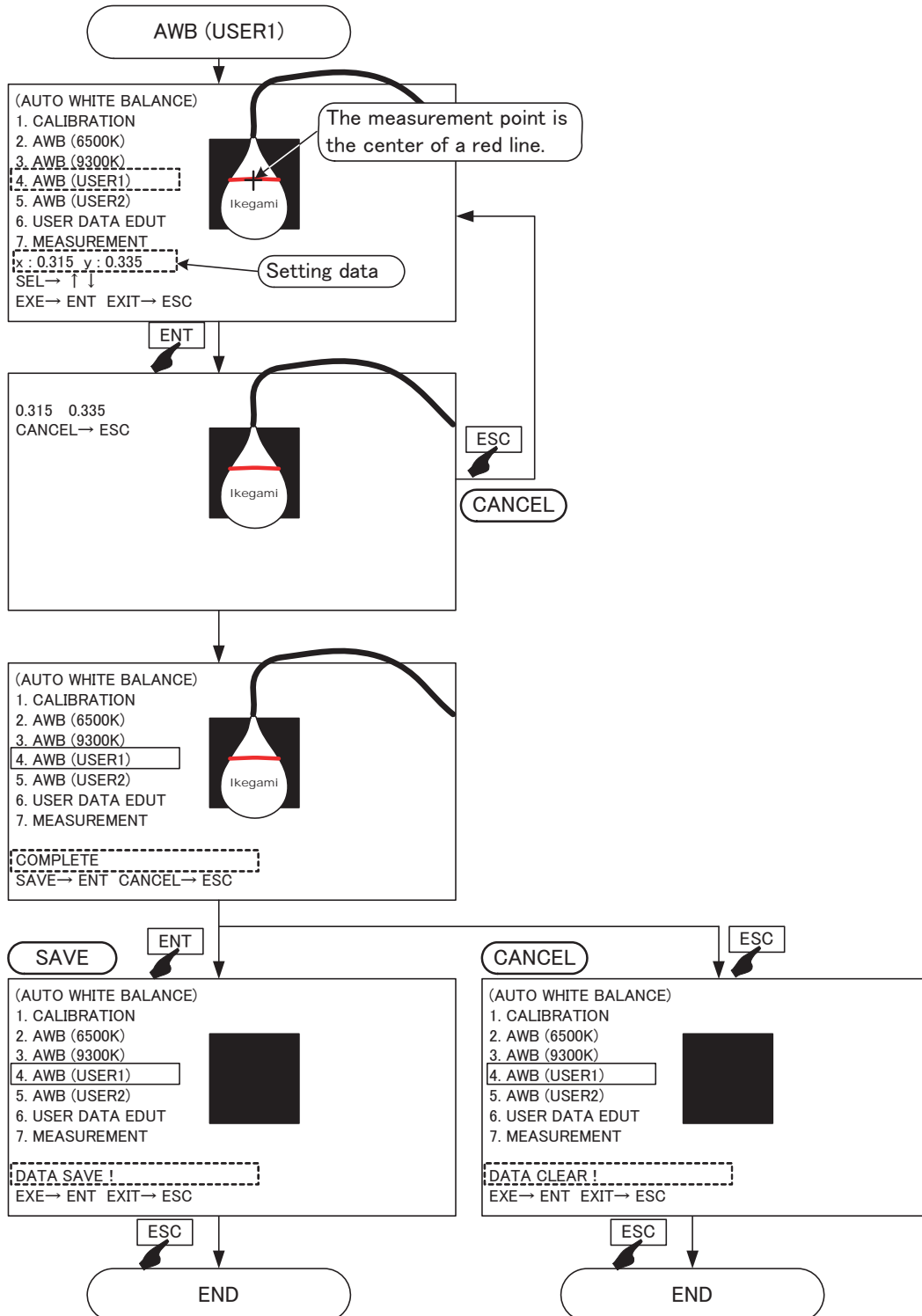
3. AWB(6500K)、AWB(9300K) MODE

To auto-adjust the color temperature of 6500K or 9300K, move measurement point to the ASP-100 sensor at the center of a red line. Measuring time will take about 2 to 3 minutes. See below for operation procedure on "6500K."

AWB(6500K)

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT
x : 0.313 y : 0.329
SEL→ ↑↓
EXE→ ENT EXIT→ ESC

Ikegami

The measurement point is the center of a red line.

Setting data

ENT

0.313 0.329
CANCEL→ ESC

Ikegami

ESC

CANCEL

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

COMPLETE
SAVE→ ENT CANCEL→ ESC

Ikegami

ESC

SAVE   ENT

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

DATA SAVE !
EXE→ ENT EXIT→ ESC

ESC

END

CANCEL

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

DATA CLEAR !
EXE→ ENT EXIT→ ESC

ESC

END

4. AWB (USER1)、AWB (USER2) MODE

Auto-adjust to the color temperature set by USER setting.　Measuring time will take about 2 to 3 minutes.　Below is the operation procedure to auto-adjust the color temperature to "USER1" setting.　See "USER DATA EDIT" on section 5 to change the chromaticity data on "USER 1/2).

AWB (USER1)

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT
x : 0.315 y : 0.335
SEL→ ↑↓
EXE→ ENT EXIT→ ESC

The measurement point is the center of a red line.

Setting data

Ikegami

ENT

0.315   0.335
CANCEL→ ESC

ESC

CANCEL

Ikegami

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

COMPLETE
SAVE→ ENT CANCEL→ ESC

Ikegami

SAVE   ENT

CANCEL   ESC

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

DATA SAVE !
EXE→ ENT EXIT→ ESC

(AUTO WHITE BALANCE)
1. CALIBRATION
2. AWB (6500K)
3. AWB (9300K)
4. AWB (USER1)
5. AWB (USER2)
6. USER DATA EDUT
7. MEASUREMENT

DATA CLEAR !
EXE→ ENT EXIT→ ESC

ESC

ESC

END

END

Ikegami

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