Newest model of Ushikata ⟨X-PLAN d series⟩

simplified area and length of line measurements

X-PLAN d III

● The display is for setting conditions.

Menu scrolling now available !

* Type   AREA LINE
* Unit   mm cm m km
* Set Scale   RATIO MANUAL
  RX   1000000000.
  RY   1000000000.
* Decimal place   0 1 2 3 4
  5 6 7 8 9 F
* Auto Number   YES NO
* Special Units   寸 尺 間 坪
  in ft yd/ac mi
  USER
  1234567890.

SetNo. 0123456789
Type: AREA LINE
Scale   1/1000.
        m DP 2

New
X-PLAN380 d III

The new device is 35mm shorter than the previous models, but the rotating coverage of the arm remains the same at 380mm. (complete coverage of B3)

● The display shows measured results.

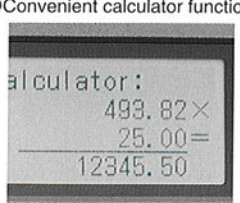AREA 1234567890. m²
LINE 1234567890. m

New
X-PLAN460 d III

The new device is as long as the previous models, but the rotating coverage of the arm is as wide as 460mm. (complete coverage of A2)

● Menu selection synchronized with arm movement

● Convenient calculator function

alculator:
      493.82×
       25.00=
    12345.50

● Printer(option)

Enhanced visibility with a wider display ! A smooth-to-use planimeter

This is a new model of the popular ⟨X-PLAN d⟩ series Area-Curvimeters. It is the first planimeter product that has adopted a large graphic LCD to make messages particularly obvious. Explanatory menus appear on the large display in conjunction with arm movement, so that conditions such as scale factors may be selected or set easily. In addition, up to 9 measuring condition sets, which differ with each drawing, can be stored in memory for later use. The ARC key to define an arc outline, scaling which is based on reference distances included in drawings/maps, a printer(option) and such new features are now available.

⚠ Ushikata Mfg.Co.,Ltd.

New operational feature of dIII

With a unique MENU key, operational menus as shown at right appear on the display. As the tracer arm moves, the menu scrolls. As the cursor gets shifted, selection or setting can be done to meet your purposes. You can use the X-PLAN through very simple key operations by navigating these menus.

Additional language compatibility, beyond English and Japanese, will be considered for large orders.

● Simple setting

◆Select Unit:
1:mm 2:cm
3:m   4:km
[1 ··· 4]

◆Scale X:[0···9]
RX   1.
1234567890.
RY   1.

◆Scale Y:
RY   1.
1234567890.
[0 ··· 9]

◆Decimal Place:
Input #
DP 3
[0 ··· 9] [·]

● Result display

AREA
1234567890.m²
LINE
1234567890.m²

AREA
1234567890.m²

● Advanced setting

◆Type:
AREA LINE

◆Unit:
mm cm m km

◆Set Scale:
RATIO MANUAL
RX   1.
1000000000.
RY   1.
1000000000.

◆Decimal place:
0 1 2 3 4
5 6 7 8 9 F

◆Auto Numbering
YES NO

◆Special Close
寸 尺 間 坪
in ft yd/ac mi
USER

◆Auto Close:
YES NO

◆Auto Power Off
20MIN NO

◆Printo Setting:
YES NO

◆Print Key List
YES NO

● Integrated calculator

Calculator
1234567890 +
1234567890 =
2469135780

● Recall of stored conditions

Set#: 0123456789
Type: AREA LINE
Scale 1/10000
m DP F

● Special setting

◆Man. Scale Set
10000000 km
◎ ------- ○
[POINT]

◆Auto Numbering
Input Start #
100.
[0 ··· 9]

Confirm
Settings:
[SET]

Start
Measuring:
[POINT]

■ Major specifications

Measuring functions	area, length of line
Standard units	mm, cm, m, km
Special units	in, ft, mi, ac, 寸, 尺, 間／坪, User specific
Scale setting	ratio input or manual scaling
Measuring keys	POINT (straight line), CONTINUOUS (curve), ARC (arc), CANCEL
Totalizing	Accumulation, Average, Number of times, Unit conversion
Auto calculation	Auto unit conversion, Auto closing, Auto numbering
Calculator function	Memory, Complete display of calculation process (print)
Others	Saving and referencing of conditions used in the past
Display	128 x 64 dot matrix graphic LCD
Measuring range	Vertical: 38cm (380dIII) 46cm (460dIII) Horizontal: 200cm
Resolution	0.01mm
Accuracy	<0.1%
Tracer lens	Large-sized eccentric lens
Power	Rechargeable NiH battery
Charger	AC100V/120V/220V 50/60Hz 3VA
Time of continuous use	Approx. 100 hours/10hour recharging (can be used while recharging)
Dimensions (body)	334x162x47mm (380dIII) 380x162x47mm (460dIII)
Weight (body)	880g (380dIII) 930g (460dIII)
Dimensions (case)	414x198x66 mm (for both models)
Accessories	AC charger, Gauge template, Case, Operational manuals
Options	Detachable printer, Thermal roll paper

Specifications are subject to change without prior notice.