DIAMMS kit

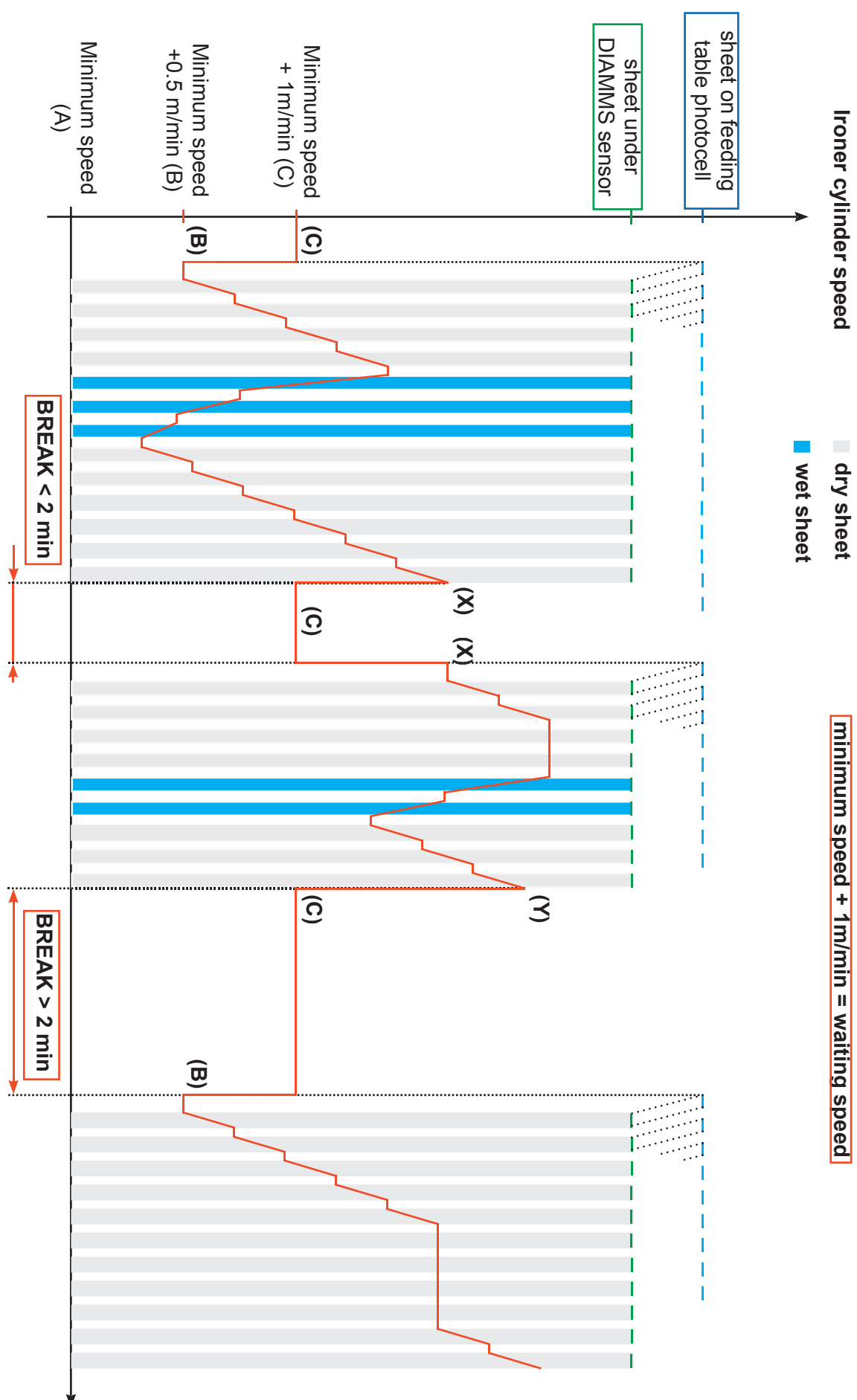## DESCRIPTION :

The DIAMMS kit includes the following elements :

* 2 Humidity sensors comb

* 2 Comb supports

* 2 Corner elements

* 3 m. Cables

* 1 DIAMMS program memory

The DIAMMS kit is fitted on the separator bar. It is accessible by the front of the machine, by removing the feeding tray.

OPERATION : (see next page)

Ironer cylinder speed

sheet under DIAMMS sensor

sheet on feeding table photocell

Minimum speed (A)

Minimum speed +0.5 m/min (B)

Minimum speed + 1m/min (C)

dry sheet

wet sheet

BREAK < 2 min

BREAK > 2 min

minimum speed + 1m/min = waiting speed

(B) (C) (X) (C) (X) (Y) (C) (B)

REPAIR :

Checking
- Check the wiring.
- Ensure contact between the two humidity sensors comb and check that the value «Moisture» in «Service option» varies, otherwise the sensors comb are faulty.

Replacing
- Remove the reception vat on the feeding table (on FLF)
- Disconnect the wires.
- Remove the 2 sensors comb from the separator bar.
- Fit the new sensors comb and connect them on their respective terminals.
- Perform an adjustment as described above.

SETTING :

In oder to have a DIAMMS system working correctly after replacing the control display, it necessary to set the P1 and P2 potentiometers and to check the parameter «Value of Length» (see next page),

«SERVICE OPTION» ACCESS

The machine has been set in the factory to specific values of heating, folding, temperature, ironing speed, operating language, etc. These values and specifications can be set in the «Service Option» menu.

The parameters must always correspond to the specific type of machine.
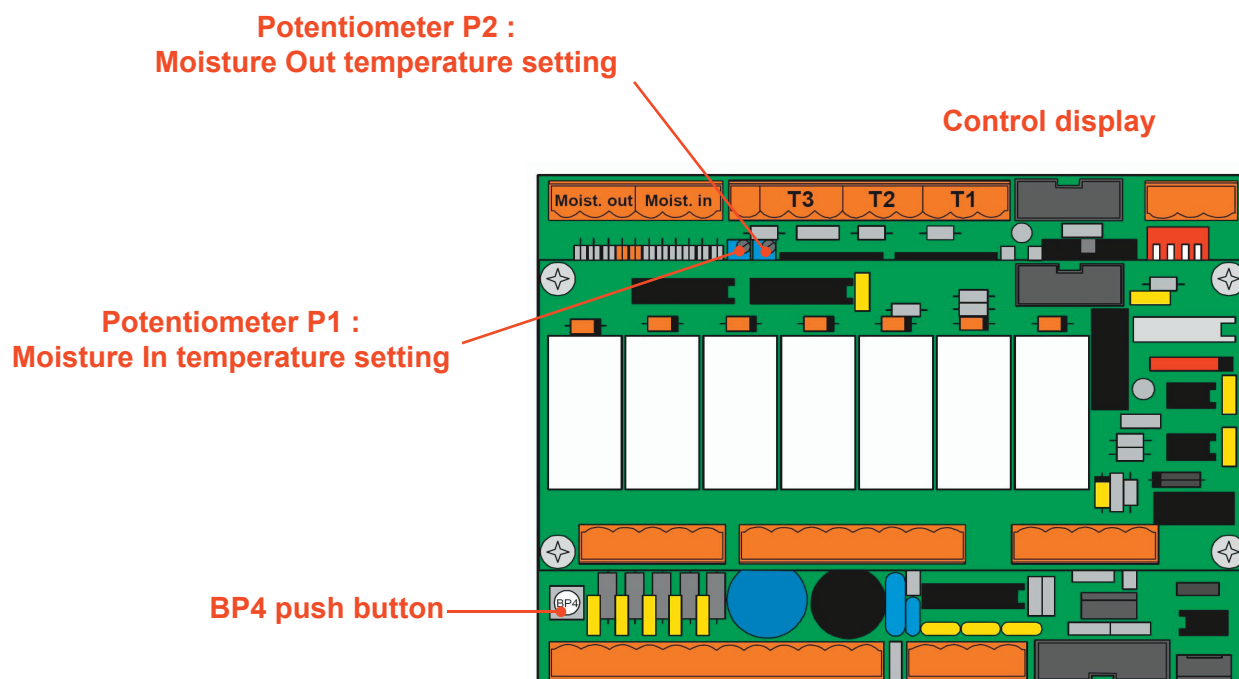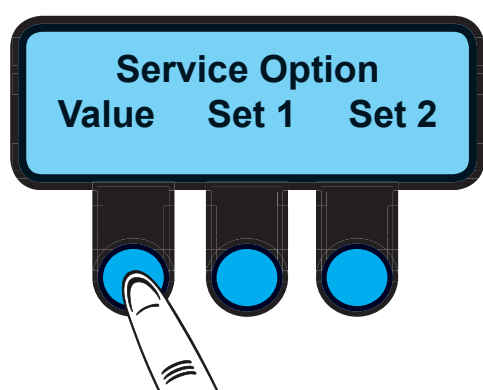
⚠	**Programming must only be performed by qualified personnel.**

• Remove the left-hand side cover.
• Press on the pushbutton (PB4) using an insulated tool.
• After completing the adjustments, put back the left-hand side cover.

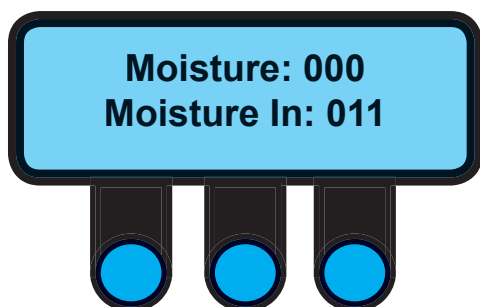| ⚡	**CAUTION** **The control display board carries very high voltages.** **Maintenance should be carried out by qualified personnel.**

SETTING :

Potentiometer P2 :
Moisture Out temperature setting

Control display

Potentiometer P1 :
Moisture In temperature setting

BP4 push button

Setting of the P1 & P2 potentiometers :

Service Option
Value   Set 1   Set 2

• Press on the push button (PB4) using an insulated tool.

When the pushbutton (BP4) is operated, the «Service Option» menu will appear on the screen.

• Press on «Value».

SETTING :

Moisture: 000
Moisture In: 011

Scroll menus with the left key up to the menu here aside.

ATTENTION : the setting of the potentiometers (P1 & P2) must be done with running hot ironer (≈ 150°C) and without sheet inside.

• P2 potentiometer :

Turn the screw of the P2 potentiometer in a direction or the other to adjust the value 'Moisture' with a value *superior to 200* and only then, lower this value until obtaining *000*.
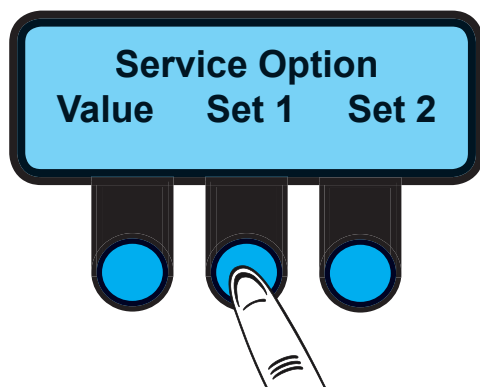
ATTENTION : DON'T LOWER BELOW 000.

• P1 Potentiometer :

Turn the screw of the P2 potentiometer in a direction or the other to adjust the value 'Moisture In' with a value *superior to 200* and only then, lower this value until obtaining a value *between 10 and 15*.

• When settings are completed, push on the center key to exit the menu.

Setting of «Value of Lenght» menu :
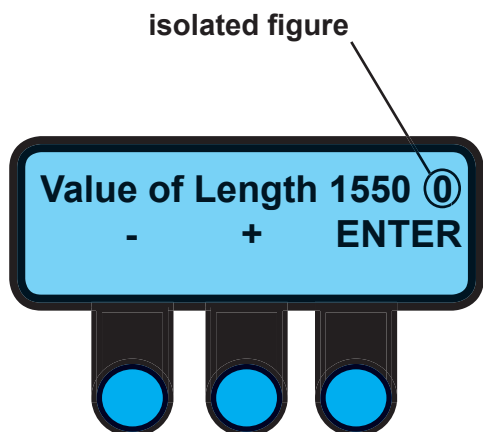
Service Option
Value   Set 1   Set 2

• Press on the push button (PB4) using an insulated tool.

When the pushbutton (BP4) is operated, the «Service Option» menu will appear on the screen.

• Press on «Set 1».

SETTING :

isolated figure

Value of Length 1550 ⓪
-   +   ENTER

This screen allows to set the distance (in mm) between the cell (B6) of the feeding table and the moisture sensor.

By default, this parameter is adjusted according to the diameter of the ironing cylinder (here 1550 mm).

The mini. value is 100 mm and the maxi. value is 2400 mm.

The isolated figure (0 or 1) after the machine parameter indicates if a sheet is under the moisture sensor.

- (0) means there is no sheet under the moisture sensor.

- (1) means there is a sheet under the moisture sensor.

- (-) reduces the ironing length.
The length setting can be altered in increments of 10 mm by pressing.

- (+) increases the ironing length.
The length setting can be altered in increments of 10 mm by pressing.

- ENTER confirms the parameters setting.

The DIAMMS has been set in the following conditions :

DIAMMS
sensors comb

- The isolated figure = 1

sheet

Before
2 to 3cm

- The isolated figure = 0

DIAMMS
sensors comb

sheet

After
2 to 3cm

Service
Manual