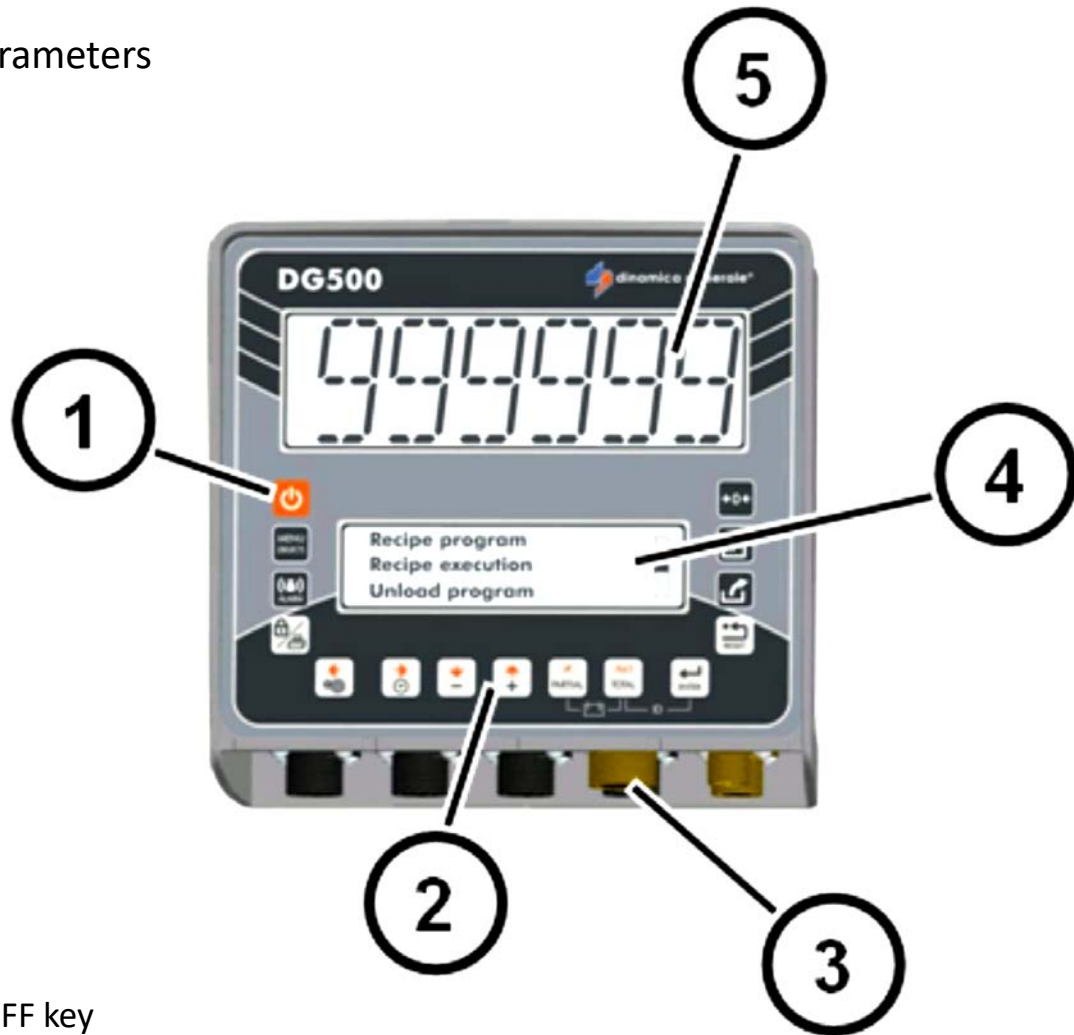**ANDERSON**

USING THE DG500

Set up of parameters

1. ON / OFF key
2. Function and setting keys
3. Power, sensor and accessories connectors
4. Graphic Lower Display
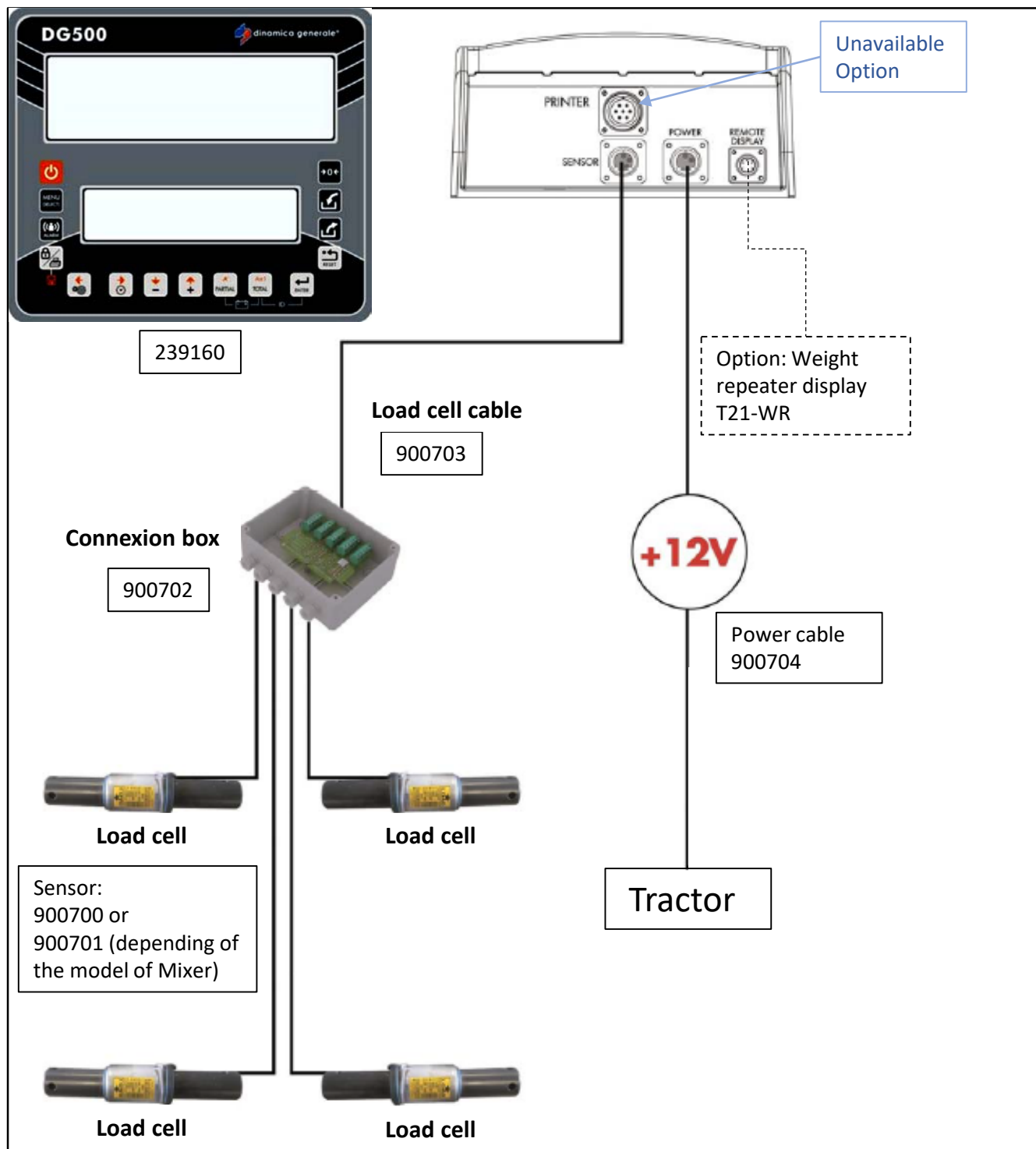5. Upper Display: To show the weight

USING THE DG500

Key	Description
⏻	On/Off the indicator
MENU (SELECT)	Access to the main menu (included the submenu)
((▮)) ALARM	This option is unavailable
🔒/🖨	Depending where used / To Print / To save data (Press again to exit)
⬅⚙	To access SETTING MENU in TOTAL WEIGHT mode / Access to password when «Please Wait» appears / Left button
➡🕐	To access the time and date in TOTAL WEIGHT mode / Access to password when «Please Wait» appears / Right button
⬇ −	Scroll the submenu options / Down button
⬆ +	Scroll the submenu options / Up button
⋀ PARTIAL	Reset the weight in PARTIAL FUNCTION / Memorize a tare in NET/GROSS mode / Delete
Aa1 TOTAL	Recall (any moment) the TOTAL WEIGHT value / Change the type of character (capital letter, lower case letter, number or sign) in EDITION mode
↵ ENTER	Confirm
↰	Quick access in the execution of the recipes in TOTAL WEIGHT mode
↱	Quick access in the execution of the unloading programs in TOTAL WEIGHT mode

USING THE DG500

Key	Description
→0←	Set to zero (TARE)
RESET	Exit any menu

Key	Special functions
PARTIAL / TOTAL	Press simultaneously in order to display the battery voltage
TOTAL / ENTER	Press simultaneously in order to enter in the setting of the customer ID
🔒/🖨 / +	Press simultaneously in order to increase the value by 100
🔒/🖨 / −	Press simultaneously in order to decrease the value by 100

PROCEDURE REF# A-MIX-006

DG500 COMPONANTS PLUGGING

ANDERSON

Unavailable Option

239160

Load cell cable

900703

Option: Weight repeater display T21-WR

Connexion box

900702

Power cable 900704

+12V

Load cell

Load cell

Sensor:
900700 or
900701 (depending of the model of Mixer)

Tractor

Load cell

Load cell

ACCESS TO THE DG500 PARAMETERS

Access to the PASSWORD codes

No matter what parameter you want, follow these steps.

1. Turn on the monitor by pressing on the [⏻] key;

2. After a few seconds, the graphic lower display will show up « Please Wait »;

3. Push AND hold the [⚙] key until **Set password -/+** appears;

4. Press on the [↑+] and [↓−] keys to reach the needed password;

5. Press on the [← ENTER] key;

6. Follow the instructions of the graphic lower display in order to modify the parameters, then press on the [← ENTER] key to confirm and press again on [← ENTER] key to exit the parameter.

ACCESS TO THE DG500 PARAMETERS

Password list

12 Calibration

19 Sequence of the settings = SETTINGS MENU

45 Calibration with a reference weight

46 Inverse calibration with sample weight

67 Modification of the weight in % (fine calibration)

99 Setting of the maximum weight (over-range

155 Setting of the default value

258 Activation of the Total Mixer on the unloading phase

333 Component accumulation

444 How to set the functioning mode

454 Setting of kg / pounds

456 Enable the modification of the component/Unloading Points name

500 End execution load mode

600 Functioning of the weight repeater

603 How to enable the XL display / EXTRA display

789 Clearing of all recipes and unloading programs

790 Clearing of all components and unloading points

791 Loading of the names for default components and unloading points

800 Clearing of History

880 How to block the weighing

888 Setting Archives and Inhibit Program

1357 Formatting CARD

9372 Setting of visualization on the display

MODIFICATION OF THE WEIGHT IN %
(Fine calibration)

Password 67

If, after did a « Set tare » ( ), you doubt the value shown on the screen when loading the mixer, climb up the ladder et verify your weight. If there is a significant difference, you may modify the calibration for a better reading.

1. Turn on the monitor by pressing on the key;

2. After a few seconds, the graphic lower display will show up « Please Wait »;

3. Push AND hold the key until **Set password -/+** appears;

4. Go to the Password 67 by pressing on the key;

5. Press on the key;

6. As required, increase or decrease the value (Percentage) by pressing on or a few values at a time. Confirm by pressing on key. The available gap goes from −10% to +10%;

7. Press again on the key to return to the upper display (Total Weight);

8. Repeat these steps until getting the good result.

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SETTING OF KG / POUNDS
(Determinate the unit of measure)

Password 454

To modify the reading mode from KG to Pounds or the opposite, follow these steps.

1. Turn on the monitor by pressing on the [⏻] key;

2. After a few seconds, the graphic lower display will show up « Please Wait »;

3. Push AND hold the [⚙] key until **Set password -/+** appears;

4. Go to the Password 454 by pressing on the [↑+] key;

5. Press on the [ENTER] key;

6. Press on the [↑+] or [↓-] key to change the unit of measure (Pounds to KG) and confirm by pressing on the [ENTER] key;

7. Press again on the [ENTER] key to confirm your choice and to come back to Total Weight (main menu).

 ANDERSON

PROGRAMMING COMPONENTS

Give a name to each components (Hay, soya, nutrients, ensilage, etc.). It is important to make it before to create the recipes.

1. Turn on the monitor by pressing the key;

2. After a few seconds, the graphic lower display will show « Total Weight »;

3. Press on the key to access to the MAIN MENU;

4. Press on the key on option 1-EDITING (appears by default);

5. Press again on the key on the option 1-COMPONENTS;

6. Name each components of your inventory. Press on the key on an empty component. Press on the key to choose the type of letter, then, with the 4 arrows, find the needed letter. To confirm the letter choice, press on the key. To erase a letter, press on the key;

7. Confirm the name by pressing on the key;

8. To name other component(s), reach another blank box and add a new component repeating the previous steps;

9. When all components are created, quit by pressing on 3 times, to come back to Total Weight (Main Menu). You are now ready to create your recipe, follow the steps in the procedure **A-MIX-XXX.**

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PROGRAMMING RECIPE

To create or modify a recipe, follow these steps .

1. Turn on the monitor by pressing the 　key;

2. After a few seconds, the graphic lower display will show « Total Weight »;

3. Press on the MENU (SELECT) key to access to the MAIN MENU

4. Press on the ENTER key on option 1-EDITING (appears by default);

5. Press on the 　key and go to 2-RECIPES and press on the ENTER key;

6. In EDIT RECETTES, Press on the ENTER key on option 1-Empty. If a recipe is already created, go down by pressing on the 　key until reaching an empty recipe (2-Empty) and confirm by pressing on the ENTER key;

7. Create a name to your recipe. Press 3 times on the TOTAL key, then with the 4 arrows, find the desired letter. To confirm the first letter, press on the ENTER key. Press 2 times on the TOTAL key to continue in tiny letter (if wanted). Repeat these steps until obtained of the complete name. To erase a letter, press on the PARTIAL key;

8. Confirm the name by pressing on the 　key;

PROGRAMMING RECIPE

9. Choose between 1-RECETTE PAR ANIMAL or 2-RECETTE PAR TOTAL. Calculate the total weight per head or total and press on the [ENTER] key;

10. With the +/- buttons, inscribe the number of animals and confirm your choice by pressing on the [ENTER] key;

11. In the Empty case, choose a component from your pre-established inventory, then press on the [ENTER] key to confirm. With the +/- buttons, select the desired weight. Repeat to add a another components. Once finished, save by pressing on the [ENTER] key;

12. Once finished to add components to the recipe, press on the [lock] key to save;

13. TOTAL RECIPE will appear. If the total agrees, press on the [ENTER] key to continue;

14. TOTAL PROGRAMMED will appear. If the total agrees, press on the [ENTER] key to continue;

15. SET MIX TIME will appear. If desired, with the +/- buttons, add a mixing time (that will working out when all components loaded). 1 = 1 minute etc. Confirm the recipe by pressing on the [ENTER] key;

16. Thereafter, for a quick access to your recipe(s), you can press on the [arrow] key.

PARTIAL WEIGHT

If the customer knows the weight of each components to load in the Mixer, you can save the weight of each adding to obtain a total weight. So, during the unloading, the calculation will decrease gradually as you will unload the Mixer chamber.

1. Set the Tare to <u>0</u> by pressing on the →0← key for 3 seconds;

2. Load the first component (ex. 400 kg, as wished by the customer);

3. Press on the PARTIAL key to reset the displayed weight to 0, ready to load the second component (ex. 200 kg, as wished by the customer);

4. Press once more on the PARTIAL key to reset the displayed weight to 0, ready to load the third component (ex. 100 kg, as wished by the customer). In Partial Weight, do not take care of the period (ex. 10.0 = 100);

5. Once finished to adding recipe components, Press on the TOTAL key to obtain the total weight (700 kg for example);

6. During unloading, the weight will decrease, then the customer will be able to share the mix evenly until 0 displayed (empty mixing chamber).

PROCEDURE REF# A-MIX-004

THE DISPLAYED WEIGHT STAYS TO ZERO

Even if you load or unload some components in the mixing chamber, the displayed weight stays to 0 or on a value, a load cell could be defective. Follow these steps in order to reach the broken one.

1. Turn on the monitor by pressing on the key;

2. To the Connexion Box (900702), unplug the first connector of your choice with a Phillips screwdriver;

3. Verify if there is a displayed weight. If yes, (even if it's not the right weight), this load cell is good;

4. To the Connexion Box (900702), unplug the second connector of your choice with a Phillips screwdriver. Repeat the step 2 & 3 until the weight displays 0;

5. The weight displayed is 0, this correspond to the broken load cell, replace it.

Needed tool:
- Phillips screwdriver