ISOCAN ARTEMIS QUICK START GUIDE

RDS TECHNOLOGY
TOPCON POSITIONING GROUP

Switch on

PRECISION FARMING APP (OPTIONAL)

CAMERA VIEW (OPTIONAL)

RDS TECHNOLOGY
TOPCON POSITIONING GROUP
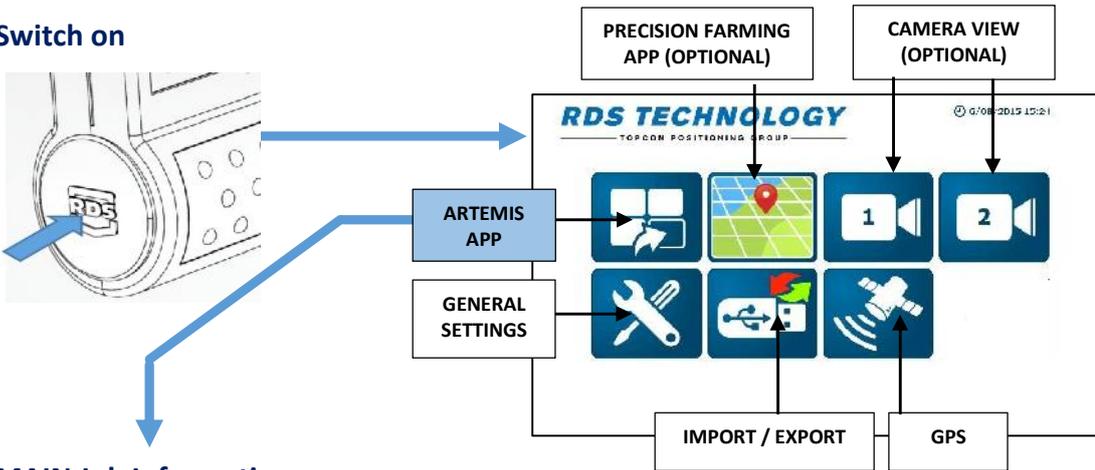
ARTEMIS APP

GENERAL SETTINGS

IMPORT / EXPORT

GPS

MAIN Job Information screen

Prestart
Runs the drill at a simulated speed for a specified time. Used when going into work until the target speed is reached (e.g. 8km/hr for 5secs)

Channel Toggle
Select channel. The selected channel is highlighted blue

Channel On/Off

Tramline Advance
Increases the tramline bout number by 1

Tramline Hold
Hold the current tramline when the drill is lifted/lowered

Work Status
Shows the drill in/out of work status and when on a tramlining bout

Channel
Shows the status of in-use channels with the target rate

Target Rate
Shows the current target rate of the selected channel

Nudge Rate
Nudge the target rate in preset increments

Set target Rate
Displays a keypad to enter the target rate for the selected channel

Fan Speed
Displays the live fan speed for 1 or 2 fans.

UK805-010.PNG

Tramline Status
Displays Target Bout, Current Bout and green ticks when tramlining.

Forward Speed
Displays the live forward speed, or the simulated speed when enabled.

Press ⟳ to cycle through the primary screen pages.

Auxiliary information screens

SETUP

Cal Factor   1.000 Kg/Rev
Max Speed   25.0 Km/h

BLOCKAGE MONITORING (OPT)

TOTALS

	▭	⚖	Since
Seed	21	1274	00:00 00:00/63
Fert A	1	187	
Pellets	1	34	

Switching Metering motor(s) On-Off / Half-Width Drilling / Channel Status

Briefly press [On/Off] / [On/Off] to switch the currently selected channel On/Off. Alternatively, briefly touch a channel icon to switch it On/Off.

To switch all channels: Press and hold [On/Off] / [On/Off] for 3 seconds.

When half-width application is required, either left or right metering motor may be switched off by briefly touching the appropriate channel icon(s).

Metering Motor switched OFF

Metering Motor switched ON
- drill raised out of work / stationary

Metering Motor switched ON
- drill lowered into work and moving

Product calibration from the Cab

UK805-160.PNG

UK805-175.PNG

UK805-180.PNG

UK805-200.PNG

UK805-210.PNG

UK805-190.PNG
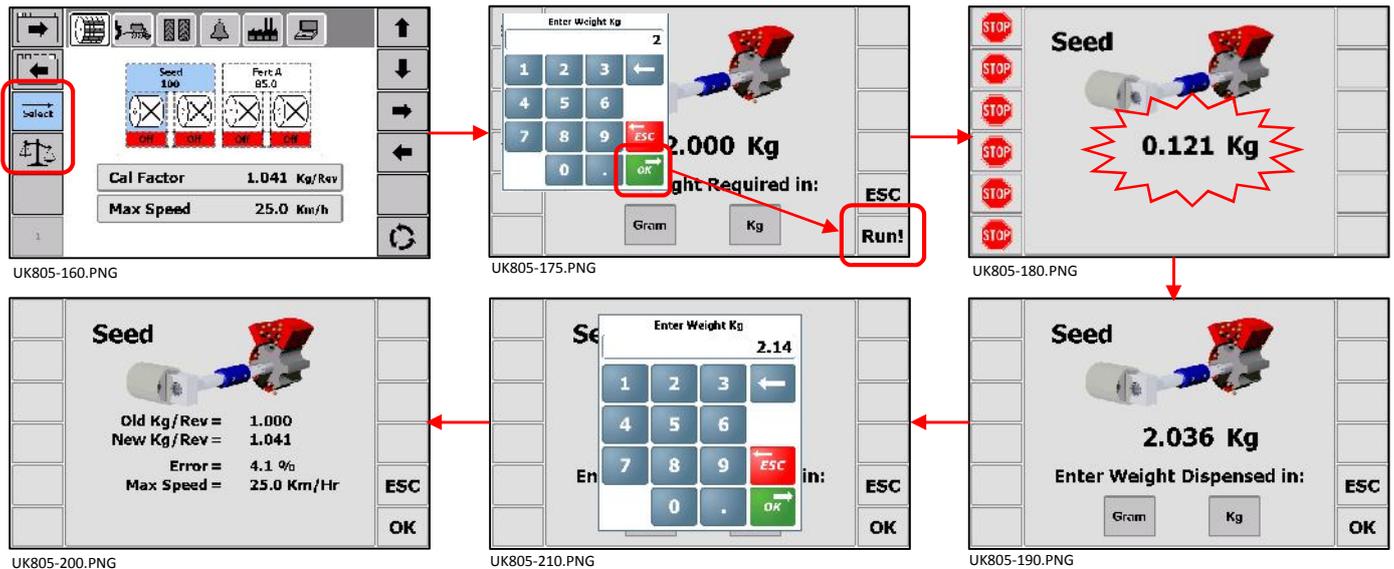
1. From the main drilling screen, set the target rate for the channel(s) to be calibrated.

2. Setup the drill in the usual way for a bucket test on the appropriate metering unit.

3. Cycle to the 'Drill Setup' screen. The screen displays the channel configuration as shown on the main operating screen. If multiple channels are configured, the calibration routine must be repeated for each channel including linked channels.

4. Press [Select] to select the channel to calibrate, then press [⚖].

5. Press [Gram] or [Kg], (your preference) and enter the weight that you wish to meter out for the bucket test.

6. Press [Run!]. The metering unit will then operate (based on the simulation speed) to dispense the programmed amount of product, then stops. The instrument then displays a weight figure based on the existing, programmed product calibration factor.

   NOTE: At any time you can touch [STOP] to curtail the test.

   In the case of a single motor / dual metering configuration, the product collected, weighed and programmed is that from BOTH metering units. So in this case, before going to step 7, press [ESC] and repeat steps 5 and 6 for the second metering unit, then total both weights.

7. Weigh the contents of the container. Press [Gram] or [Kg], (your preference) and enter the weight THAT WAS DISPENSED.

8. Press [OK]. The new calibration factor (kg/rev), % error and the maximum forward speed that is permissible based on the application rate set for the channel.

9. Press [OK] to return to the "Drill Setup" screen.

Product calibration using the Priming Switch

1. From the main drilling screen, first set the target rate for the channel(s) to be calibrated.

2. Setup the drill in the usual way for a bucket test on the appropriate metering unit.

3. Press the priming switch to meter out the desired amount of product.

   NOTE: Depending on your particular drill configuration, the priming switch(es) will be setup for either momentary or latching operation.

   If set to latching, then press and release the switch to start metering, then press and release again to stop.

   If set to momentary, then press and hold the switch to start metering, and release to stop.

   The displays switches automatically to the calibration screen once the priming switch is pressed. When the metering unit is stopped, the instrument then displays a weight figure based on the existing programmed product calibration factor.

   NOTE: In the case of a single motor / dual metering configuration, the product collected, weighed and programmed is that from BOTH metering units. So at this point, press [ESC] and repeat steps 2 and 3 for the second metering unit, and total the dispensed weights.

4. Weigh the contents of the container. Press [Gram] or [Kg], (your preference) and enter the weight THAT WAS DISPENSED.

5. Press [OK]. The new calibration factor (kg/rev), % error and the maximum forward speed that is permissible based on the application rate set for the channel.

6. Press [OK] to return to the main operating screen.