



# iNTELSPRAY

The iNTELSPRAY system automatically senses and sprays the animals teats on exit of the milking parlour. This has the advantage of reducing the operator workload at milking time.

iNTELSPRAY ensures that all animals receive exactly the same amount of teat spray and identical attention.

The controller delivers a metered dose of teat spray to the animal. Usage is not excessive and compares favourably with dipping or hand spraying. The system is easy to programme and install. As the cows must step over the spray pad, the udder becomes correctly aligned for teat spraying. A remote cow sensor picks up the movement of the animal and determines the udder position prior to spraying. The main controller indicates how many cows have been sprayed (cow counter) during milking. The system also has a cow alarm that can be preset to ring once a set number of cows have been sprayed. Two spray pads can be connected to one control box.

## KEY FEATURES

- Easy to program & install
- Reduces operator workload
- Includes a built in cow counter and cow alarm

## SPECIFICATIONS

### iNTELSPRAY CONTROLLER

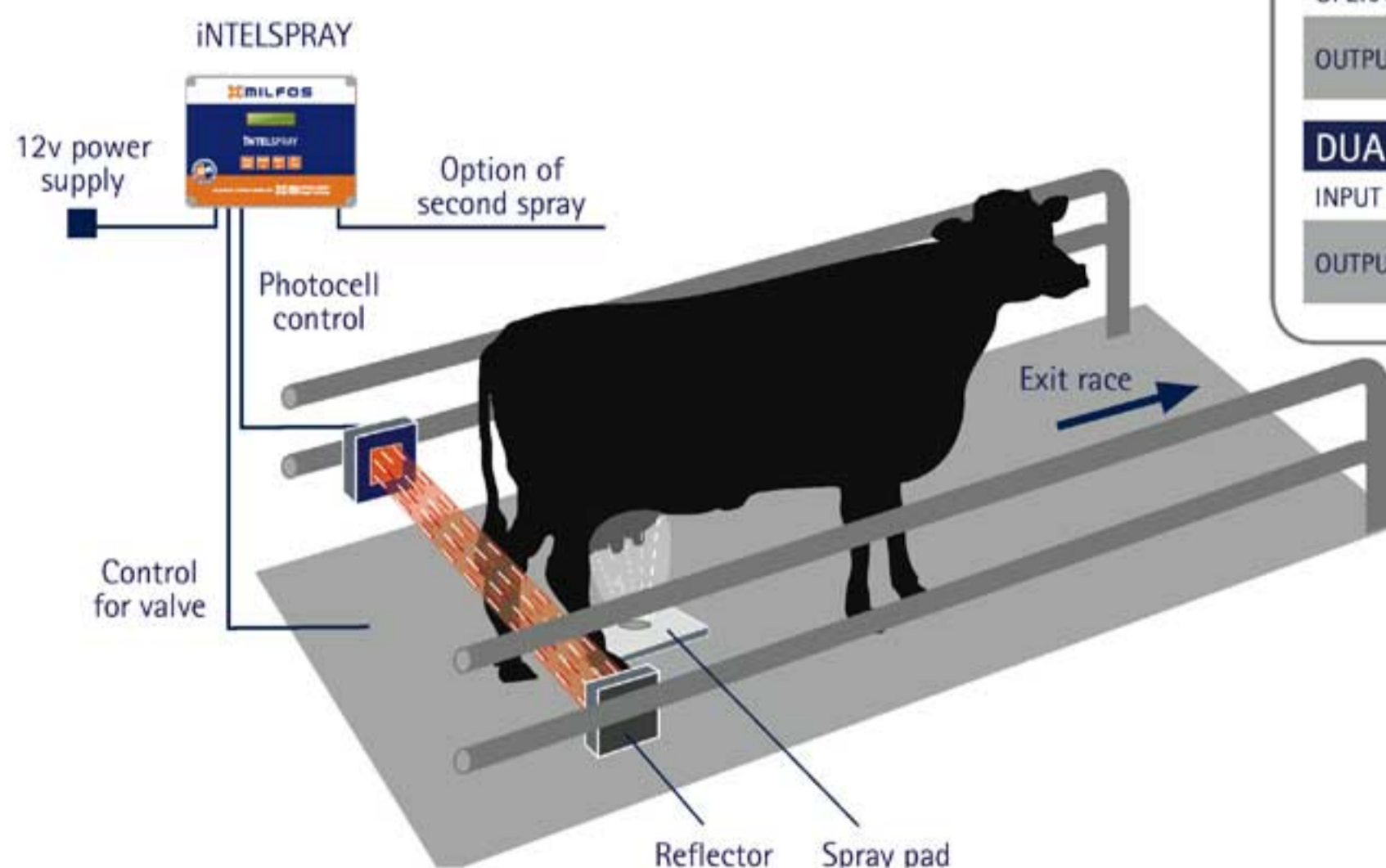
OPERATING VOLTAGE	12V DC
(When using alternative power supplies contact Milfos for advice)	
CURRENT CONSUMPTION	200mA

### iNTELSPRAY SENSOR

OPERATING VOLTAGE	24-240V AC
OUTPUT LOAD (MAX)	250V AC 3amps 24V DC 3 amps

### DUAL POWER SUPPLY

INPUT VOLTAGE	230V AC 1A
OUTPUT VOLTAGE	12V AC 2 amps 24V AC 2 amps



## SYSTEM FEATURES

**DETECT DELAY** - The detect delay timer stops false triggering of the unit. The time that is set must equal the time of a cow that is committed to moving over the spray pad (0.1-5 seconds)

**SPRAY DELAY TIMER** - The time in seconds between the cow being detected and starting to spray (0.1-10 seconds)

**SPRAY TIME** - The time in seconds that the spray solenoid will be activated (0.1-10 seconds)

**RESET DELAY** - The time in seconds that the controller will disregard the input from the sensor. This is to ensure that a cow cannot be sprayed twice (0.1-10 seconds)

## OPERATOR FEEDBACK AT MILKING TIME

The system has four modes, which are controlled by the push buttons on the front cover, these are MILK; SPRAY ON/SPRAY OFF, COUNT ALARM AND OFF. The backlit screen shows the mode of control. For example, the screen shows if the system is waiting for a cow, delaying for a time period, spraying the udder or resetting. The system also shows how many cows have been sprayed.

**SPRAYER ON/OFF MODE** - The sprayer on mode is used to continuously open the spray valve to clear the spray lines of air. Press the spray key once to activate the valve and again to switch the valve off.

**COUNT ALARM** - iNTELSPRAY has a count alarm that can be set. After the preset number of cows has been sprayed the controller closes an output. The output can be connected to an audible alarm, flashing light or gate (these output devices are not supplied with the unit).