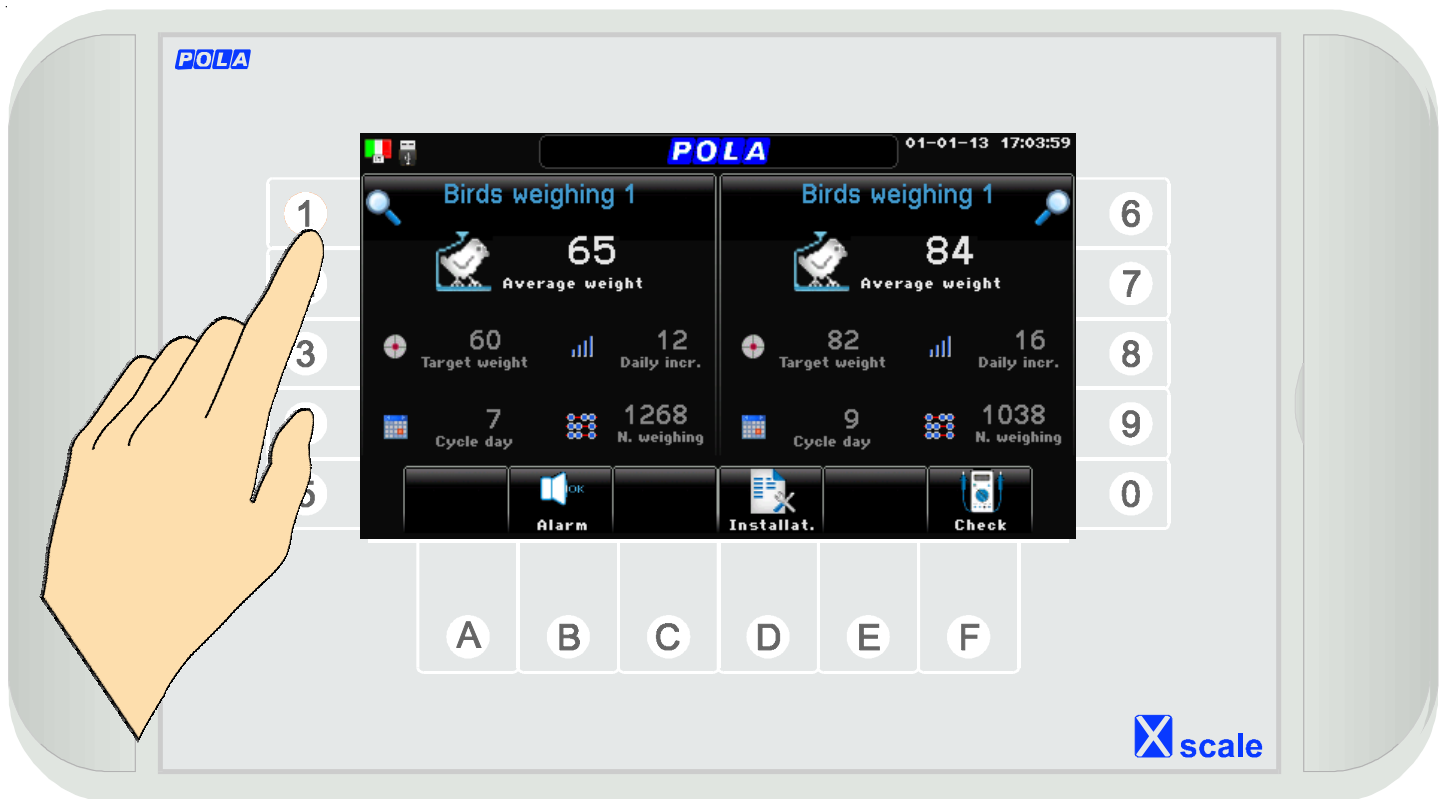


## Two plates birds scale



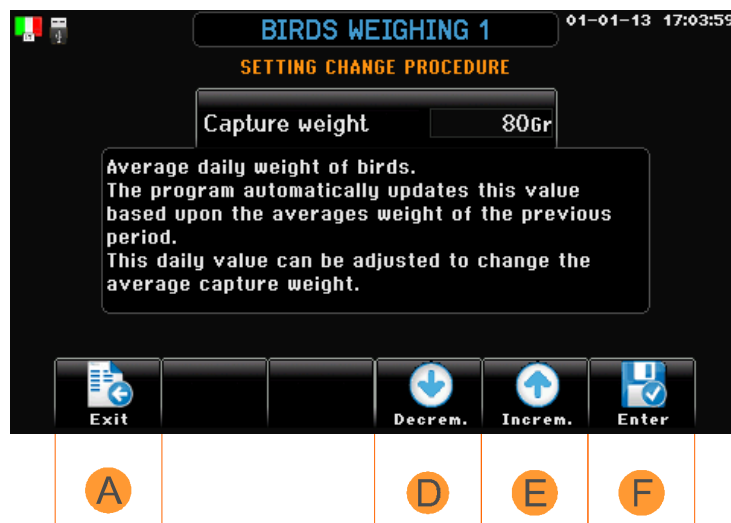
**Xscale** has a user friendly program



Actual size: 200x110mm

The main feature of the **Xscale** is the color display screen (4.3") with QWVGA 480x272 dots resolution with led backlighting.

The user interface is easy and friendly. The **easy touch** screen systems gives both the typical "easy to use" approach of a touch screen system and the strength and mechanical protection of a polycarbonate IP65 keyboard.

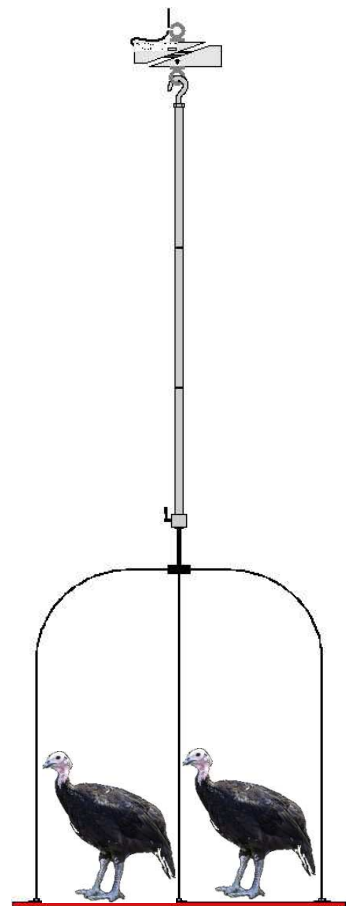
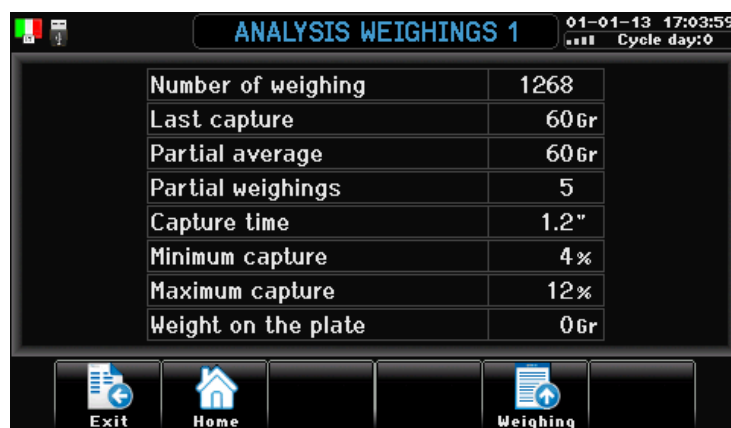


At every screen the function keys display a different graphic making the program very user friendly. Each programming step has its own help screen so the program has a "built in" instruction manual.

**Xscale** performs the bird weight management by two plates



**Xscale** makes the weight control by a multi-weighing system. For each weighed bird the program makes an automatic tare before weighing the next bird. By using the multi-tare system bird weighing is done even if the bird does not get off the scale.



 **Xscale** performs the bird weight management by two plates

 **BIRDS WEIGHING 1 SETTING** 01-01-13 17:03:59  
Cycle day: 0


 Capture weight

 Target weight  
(shared for all weighing)

 Starting cycle





 Ending cycle

 Exit  Home

 **BIRDS WEIGHING 1** 01-01-13 17:03:59  
SETTING CHANGE PROCEDURE

Capture weight 806r

Average daily weight of birds.  
The program automatically updates this value  
based upon the averages weight of the previous  
period.  
This daily value can be adjusted to change the  
average capture weight.

 Exit  Decrem.  Increm.  Enter

 **TARGET WEIGHT** 01-01-13 17:03:59

Point 0 age of birds Non editable at point 0

Point 1 age of birds 7

Females target 416r

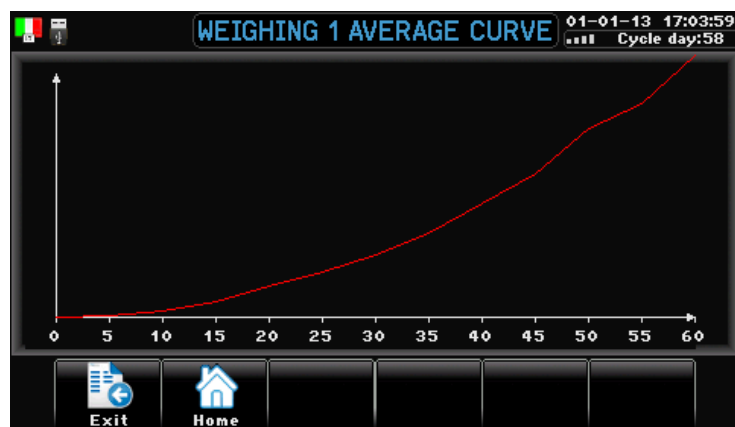
Females target 1706r

Males target 416r

Males target 1756r

 Exit  Home  Full.point

 **Xscale** performs the bird weight management by two plates




01-01-13 17:03:59

ALARMS ARCHIVE

Alarm type	Date	Hour
 TLC0 #1 device failure	07-01-14	12:43
 Plate 1 cell damage	07-01-14	12:43
 Plate 1 overweight	07-01-14	12:43
 Plate 1 tilted	07-01-14	12:43
 TLC0 #2 device failure	07-01-14	12:43
 Plate 2 cell damage	07-01-14	12:43
 Plate 2 overweight	07-01-14	12:43
 Plate 2 overweight	07-01-14	12:43

Exit Home Alarms Events Up page Down page

## Data transfer

Communication with external world is by USB pen drive.

The main programming parameters, the archive downloads and software updates can be made by PC connection via the USB pen drive.



## Network connection



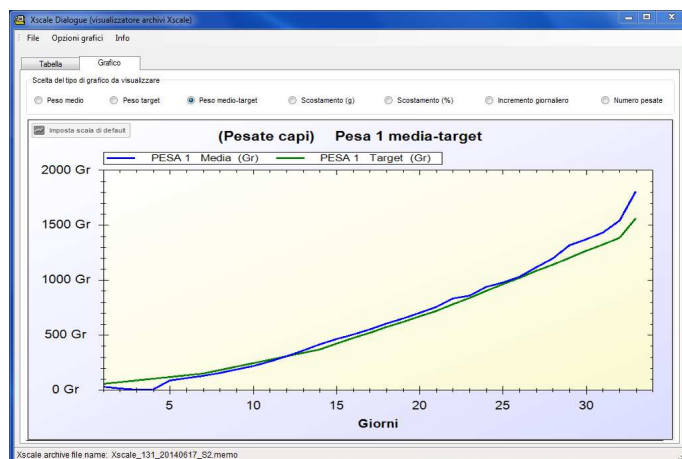
## Xscale Dialogue

BY this program you can transfer to your PC by USB key, all data of current cycle.



Here are some screenshots of the Xscale Dialogue program...

Giorni Ciclo (N°)	Data Ciclo (gg-mm-aa)	Sesso	Media (Gr)	Target (Gr)	Scostamento (Gr)	Scostamento (%)	Incremento (Gr)	Pesate (N°)	Omogeneità (%)
1	24-06-11	Fe	25	56	29	-60.0	29	536	81
2	25-06-11	Fe	13	73	60	-82.2	-16	1416	86
3	26-06-11	Fe	4	89	85	-95.5	-9	1786	100
4	27-06-11	Fe	4	104	-100	-96.2	0	1636	100
5	28-06-11	Fe	88	120	-32	-26.7	84	427	90
6	29-06-11	Fe	108	135	-27	-20.0	20	1630	83
7	30-06-11	Fe	128	150	-22	-14.7	20	1343	79
8	01-07-11	Fe	155	162	-7	-4.8	27	991	79
9	02-07-11	Fe	187	213	-26	-12.2	32	1636	76
10	03-07-11	Fe	217	245	-28	-11.4	30	1362	76
11	04-07-11	Fe	261	276	-15	-5.4	44	1322	73
12	05-07-11	Fe	395	388	7	1.8	45	1156	75
13	06-07-11	Fe	360	339	21	6.2	54	1205	76
14	07-07-11	Fe	417	370	47	12.7	67	922	77
15	08-07-11	Fe	460	420	40	9.5	43	821	80
16	09-07-11	Fe	505	470	35	7.4	45	728	83
17	10-07-11	Fe	550	520	30	5.8	45	700	84
18	11-07-11	Fe	604	570	34	6.0	54	602	86
19	12-07-11	Fe	650	620	30	4.8	46	558	82
20	13-07-11	Fe	700	670	30	4.5	80	402	83
21	14-07-11	Fe	752	720	32	4.4	62	302	77
22	15-07-11	Fe	833	780	53	6.8	81	184	70
23	16-07-11	Fe	857	840	17	2.0	24	230	86
24	17-07-11	Fe	938	900	38	4.2	81	196	69
25	18-07-11	Fe	976	960	16	1.9	40	218	75
26	19-07-11	Fe	1002	1000	2	0.2	54	173	69
27	20-07-11	Fe	1113	1080	33	3.1	81	191	86
28	21-07-11	Fe	1187	1139	58	5.1	84	25	96



**Xscale** The following scale plates are used:

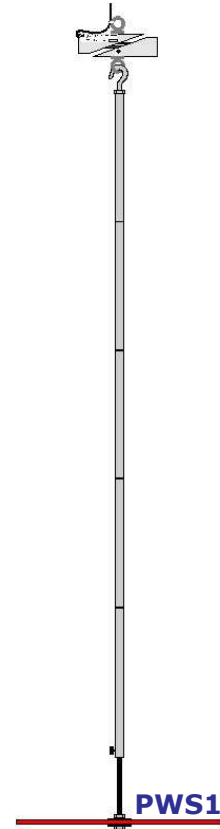
### Parents weighing plate

PWS0 plate for parents
Plate diameter= 48 cm
Height from floor = 7 cm
Insulation = IP56



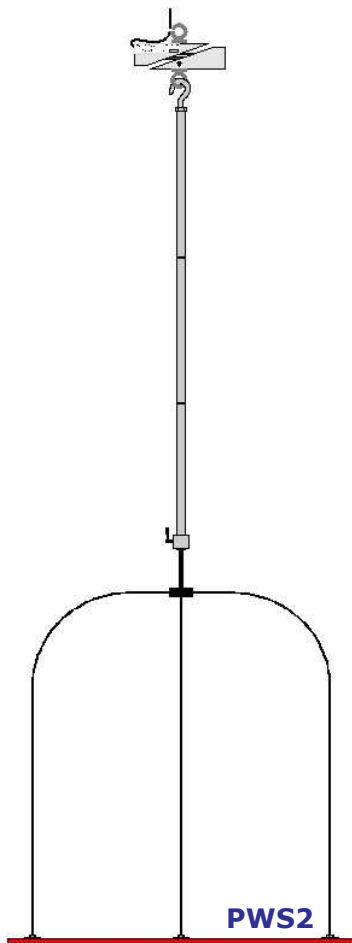
### Chicks weighing plate

PWS1 plate for chicks
Plate diameter= 76 cm
Lenght= 320 cm
Insulation= IP56



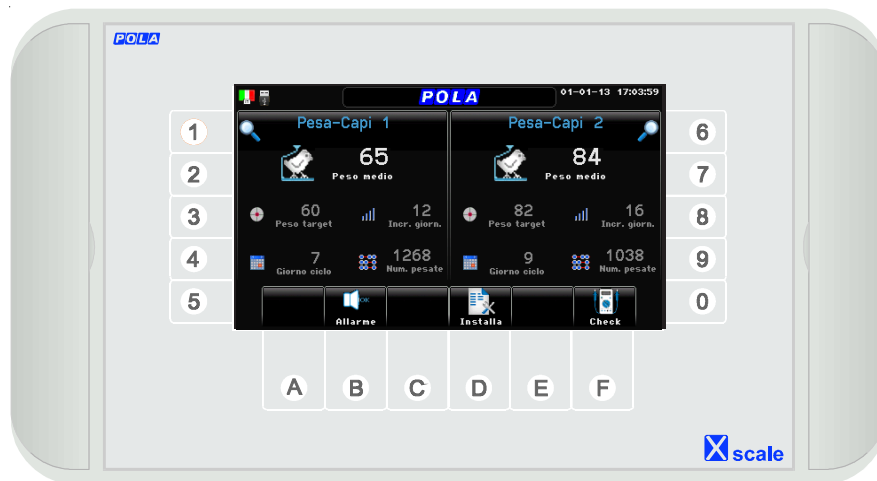
### Turkeys weighing plate

PWS2 plate for turkeys
Plate diameter= 98cm
Lenght= 380 cm
Insulation= IP56





## scale layout components

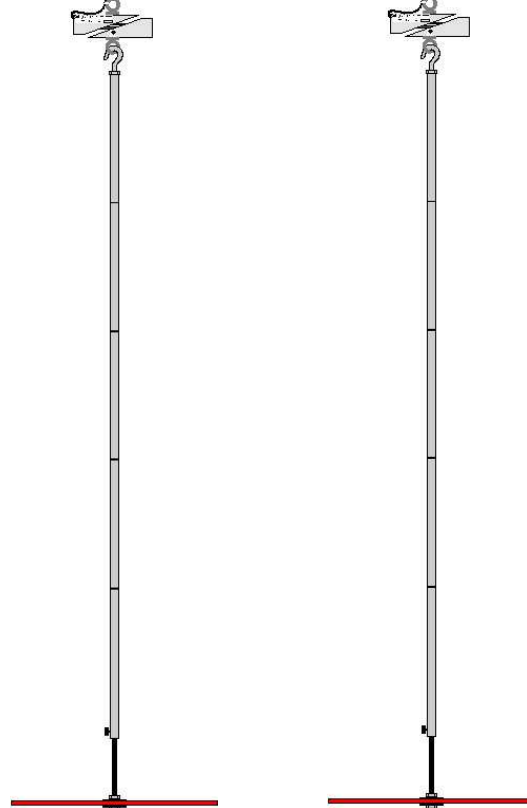


**Xscale computer**

**TLC0 n.1**  
Weighing plate 1 load-cells  
amplifier  
(mounted in IP56 box).



**TLC0 n.2**  
Weighing plate 2 load-cells  
amplifier  
(mounted in IP56 box).



**Example with n.2 PWS1 plates**

