UNO WS-1 Weighing station

Features

The WS-1 Weighing Station automatically scans RFID transponders tagged animals when weighed and reports the scan ID to the HMO2Lab software together with the weight information. This way the Body Weight is entered into the HMbase database directly associated to the animal in question.

Research Applications

- **FOOD INTAKE SYSTEMS**
- **TOXICOLOGY STUDIES**
- **EFFICIENT IDENTIFACTION FOR LARGESCALE**
- **OBESITY AND DIABETES 2 DRUGDEVELOPEMENT**

Benefits

- Designed for automated Body Weight measurements
- Allow uninterrupted correlation between animal weight and -ID, directly stored in the database.
- ISO FDXB RFID tag identification of animal directly at scale
- SNUG 1500 standard scale
- Single USB connection connects RFID and Scale to Lab-PC
- LCD Backlight display, RFID LED Indicator
- Auto calibration
- Rechargeable battery: 3,7V/2500mAh Lithium poly- mer
- Memory > 1GB

Body weight entered directly into the database The WS-1 automatically weighs and scans RFID tagged animals and sends information to the HM02Lab application that directly associated the received data with the specific animal being weighed. This way human error is eliminated and the weighing proces made efficient and fast.

The animals are identified using ISO FDX-B RFID tags, UNO ISO MICRO-ID etc. Tagging is a safe way of identifying individual animals and integrated with HM System it can secure a fully automated tracking of animals through the entire experiment.

Parameter

	Abbreviation	Value	Unit	Note
Load capacity	Lmax	1000	g	
Load resolution	Lres	10	mg	
Load accuracy	Lacc	50	mg	
RFID reaer frequency	F RFID	134,2	kHz	ISO FDXB
Cable connection	Con-Phys	USB		USB1.0
Weight of station	WWS-1	5	kg	
Dimensions of station	Footplate: 30,5 x 30,5 cm Height: 40cm			

Ordering number

15000400	Weighing Scale with integraded Reader