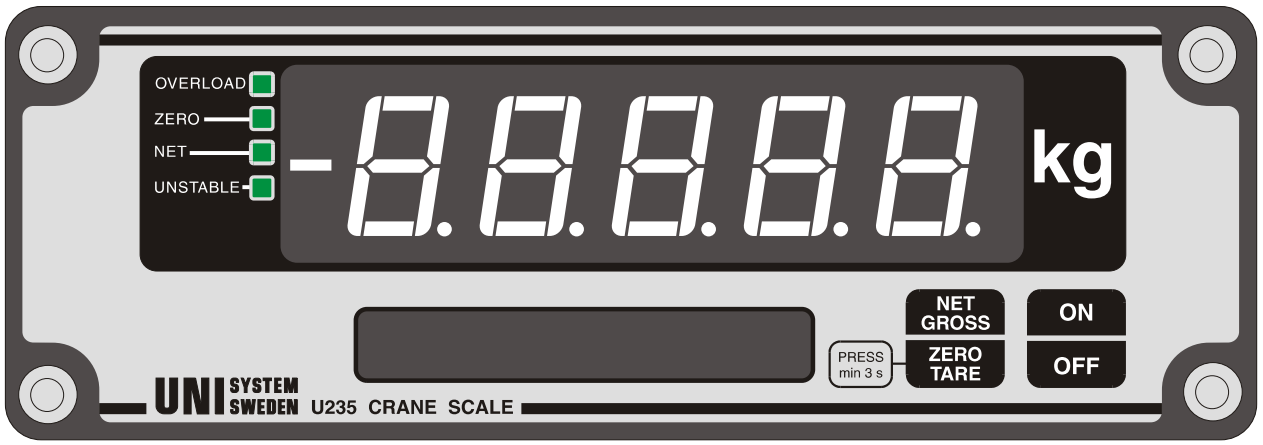

WEIGHING

Check that all lifting equipment is approved for the weight.

The scale is switched on and off with **ON/OFF**. At on, program number and -date, ymmdd, where y is the last digit of the year, mm month and dd day is displayed, and then all segments are switched on and off 5 times. The scale is normally set to zero.

Check that the load is hanging unobstructed in the middle of the hook. The weight is read when stable.

Normally there is a switch off timer of 4 minutes. This time is prolonged when pushing the function button or when the weight is changed. This function may be deselected internally as option.

FUNCTION BUTTON AND INDICATORS

This button has multiple functions. Short push switches between net and gross.

When pushed about 3 seconds, the scale is tared, and the NET indicator switches on. However within zero range, -0.8 to 3.1% of full scale from the initial calibration zero, the scale is set to zero, and the ZERO indicator switches on. Tare or zero is performed, after the weight indication is stable.

When pushed more than 3 seconds, the deviation from the calibration zero is displayed. This is a fast test of the state of the load cells. At heavy overload, blows, shocks or humidity damage the zero value may change.

OVERLOAD	The load is to high or low. The display is blanked.
ZERO	The weight is within ±1/4 of a scale interval from zero. If the zero is slowly changing, this is automatically compensated, so called zero tracking.
NET	Net value is displayed. Zero tracking does not work.
UNSTABLE	The displayed weight is not stable. Various conditions may be chosen at calibration.

HANDLING

This type of scale is very accurate and must be handled carefully.

Mechanical oscillations are excellent attenuated. Two levels may be chosen internally in the indicator.

The scale is protected against humidity. However exposure to rain during several days is not recommended.

Rapid temperature change may temporary disturb, and especially lowering of the temperature may result in internal condensation, which take some time to dry.

The protection against interference from external EMI sources is good, but UHF transmitters (e.g. wireless telephones) may interfere in short distances.

In order to improve the readability, the display may be inclined.

At calibration different functions and performance may be chosen.

RECHARGEABLE BATTERY

The scale has a rechargeable lead battery, which must be charged with the supplied battery charger. Charging time 8-12 hours. With old charger, the green indicator, marked CHARGE READY, is on with short interrupts, when the battery is fully charged. With the new "intelligent" charger U1432, the status is indicated on the charger.

Operating time with charged battery is 30 to 60 hours dependent on the number of display segments on.

When the battery is discharged, the instrument is switched off in order to protect the battery.

Charge often. Do not leave the battery discharged, as this deteriorates the battery. It can not be overcharged.

Model	Capacity: range/increment.		
U2351	300/0.1	150/0.05	60/0,02
U2352	1000/0.5	600/0.2	300/0.1
U2353	3000/1	1500/0.5	600/0.2
U2354	5400/2	3000/1	1500/0.5
U2355	10000/5	4000/2	2000/1
	Verified crane scales.		
U8406	375/0.2	300/0.1	150/0.05
U8407	750/0.5	600/0.2	300/0.1
U8002		1000/0.5	600/0.2
U8003		2000/1	1500/0.5
U8408	3200/0.5	3000/1	1500/0.5
U8004		5000/2	3000/1

ACCURACY

Multiple range i used according to the table.

In the temperature range 10-30°C the accuracy is 0.1% of displayed weight. In the range -10 and + 40°C, the accuracy is reduced up to three times.

Verified scales have accuracy according to the regulations.

Good luck with your new scale!

UNI SYSTEM SWEDEN
www.unisystem.se
Unisystem AB
Bergebyvägen 24
S-685 34 TORSBY (Seat)
Tel.: +46-56014055
Fax: +46-56010125
info@unisystem.se