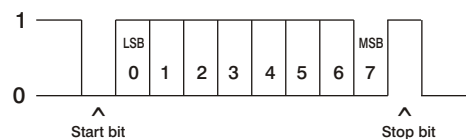


### A. Specification :

Baud rate : 2400 /9600  
 Parity : none  
 Data bit : 8  
 Stop bit : 1

### B. Data Stream :



### C. Connections : DB-09 Male

pin no.	2	5	others
	TXD	GND	NC

### D. RS232C Format :

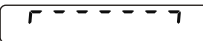


no.	1	2	3	4	5	6	7	8	9	10
	SP/-	X	X	X	X	X	X	X	CR	LF

# SNOWREX

# Precision Scales

## Model: NE

## Error message

Symptom	Cause	Solution
	<b>Over load :</b>	
	* Weighing range exceed	> Unload scale or reduce preload
	<b>Under load :</b>	
	* Weighing pan not in place	> Ensure the weighing pan is correctly installed and surrounding parts are not touching
	* Weighing range zero below	> Set scale to zero
	* Contact between weighing	> Apply pre-load
	<b>Zeroing not possible :</b>	
	* Zeroing outside the zero setting range	> Ensure that zeroing is performed in the admissible range ( 20% of Cap.)



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## Calibration

**Please have the jumper Jp3 switch OFF before you start to calibrate weight.**

Press and hold any key while powering **ON**. It entering programme mode.

CAL

Press **F** key goes to **calibrate sequence**.

CAL 2

Press **F** key for **parameter selecting** and

Press **↔** key for **setting and goes to next step**. The programme sequence as follows:

### A. Scale type

6d	6 kg
15d	15 kg
30d	30 kg

### B. Span Calibrate

SPAN

1. Press **↔** key

?????

2. Press **-0-** key

0

3. Place the calibration weight on the pan.

???????

When the display is stable, press **↔** key to cycled through a list of permissible weight.

15  
10  
5

When the weight on pan is displayed, press **↔** key again.

??000

4. Remove the calibration weight from the pan and press **-0-** key.

.0000

**5. After finish the weight calibration, make Jp3 switch ON. Now you are ready to weigh.**


## Operation

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### B. Taring (zeroing)

All models have taring (zeroing) capabilities up to their total weight capacity.

To weigh a sample in its container with the display showing the weight of the sample use the following ZERO (tare) procedure.

1. Place sample container on pan and then press the  key and NET lamp lights.
2. Now place sample in its container.
3. When the scale is stable, the display shows the weight of the sample.

## Programme

---

Press and hold any key while powering **ON**. It entering programme mode.

Press  key goes to **programme sequence**.

Press  key for **parameter selecting** and

Press  key for **setting and goes to next step**. The programme sequence as follows:

CAL  
CAL 1

### A. Auto power off

R<sup>OFF</sup> 0

None

R<sup>OFF</sup> 1

5 minutes after

R<sup>OFF</sup> 2

10 minutes after

R<sup>OFF</sup> 3

20 minutes after

R<sup>OFF</sup> 4

30 minutes after

### B. Backlit (s)

bL 0

None

bL 1

Active

bL 2

Auto lighting while loading

bL 3

Manual

### C. Taring

tR 0

One time taring

tR 1

More times taring available

### D. RS232 output

Pr 0

None

Pr 1

Manual

Pr 2

Auto

Pr 3

Continuously

### E. Baud rate

br 2400

Baud rate 2400

br 9600

Baud rate 9600

You have purchased a quality precision weighing instrument that requires handling with care.

Read entire contents of this **Operating Manual** prior to operating your new instrument.

## Disclaimer Notice

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Calibrate your instrument using reference weights of the appropriate tolerance (class).

An instrument can be no more accurate than the standard to which it has been compared.

For assistance in the selection of reference weights, please contact the factory.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

## Introduction

---

Thank you for choosing one of our instruments. Your instrument is designed and manufactured to the most rigorous standards in order to give you years of service.

First, check the contents of the shipping carton. You should find the following :

\* **Manual**      \* **Instrument**      \* **AC Adapter**

Next, follow the instructions for installing your instrument.

Now you are ready to begin using your instrument. To take advantage of its many features, carefully read your operating manual.

It contains step-by-step procedures, examples, and other vital information.

Warning: Use of this product in a manner not specified by the manufacturer may impair any safety protection provided by the equipment!

## Specifications

Model	NE-3	NE-6	NE-15	NE-30	NE-6D	NE-15D	NE-30D
Range	3 kg	6 kg	15 kg	30 kg	3/6 kg	6/15 kg	15/30 kg
Readability	1 g	2 g	5 g	10 g	1/2 g	2/5 g	5/10 g
Display	LCD, height 19 mm						
Pan size	265 x 205 mm ( W x L )						
Dimensions	275 x 320 x 110 mm ( W x L x H )						
Net Weight	4 kg						
Temperature Limits	0~40 °C 85 RH						
Power Supply	9V/500mA, AC adapter						

Built in 6V Rechargeable-battery.

Battery operating limited at 5.5V and display will show

 In this time the instrument should be charged.

## Preparation

This product is intended for indoor use.

- \* Select a suitable work area.
- \* Work area should be relatively free from drafts and vibrations.
- \* Work surface should be level and rigid.
- \* Do not locate near magnetic materials or equipment/instruments which use magnets in their design.
- \* Avoid areas which have variations in room temperatures or have excessive room temperatures. Room temperatures above 40 °C or below 0 °C could be affect operation and accuracy.

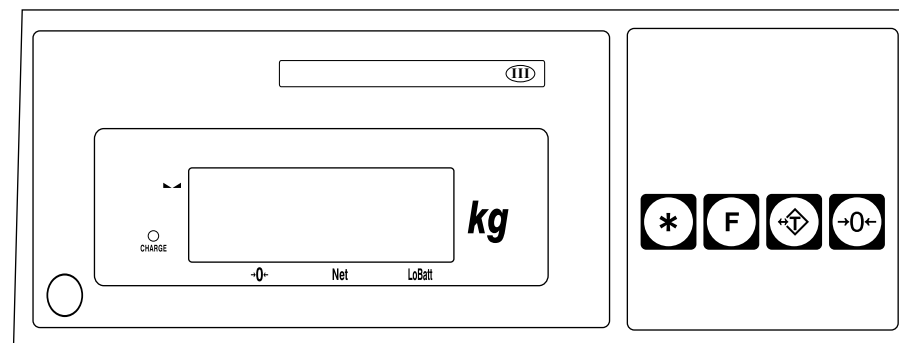
## Installation

Remove instrument and accessories from the carton.

Save packing material for transportation purposes.

- \* If using the AC adapter, insert power cord into the receptacle located on the side panel of the instrument (behind On/Off switch). Firmly push in the plug.
- \* Allow the instrument to warm up for 30 minutes prior to use.
- \* Your instrument features a numeric display that continuously shows your weighing results.

## Display & keypad



## Function keys

### On/Off Switch

Turns instrument **On** or **Off**.



Captures a new center of zero.



Reduce gross weight on pan as tare weight.



Function key.



Optional.

## Operation

### A. Getting Started

Turn the instrument on by pressing the power switch on.

The display will down count from *999999* . . . while the unit is being updated.

**Allow the unit to warm-up for 30 minutes.**