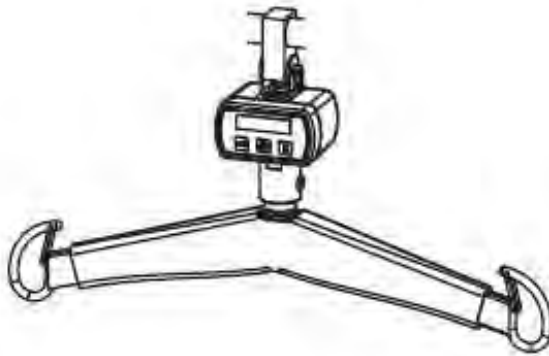




**PROTEKT® DIGITAL  
PATIENT LIFT SCALE  
with UNIVERSAL BRACKET KIT**

**MODEL: 30300**

**For use with Proactive Patient Lift Models:  
33500/33600/33400P**



**Owner's Manual**

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Please read this manual carefully before using.

# 1. Safety Guide

**For good scale performance and precise measurement, be careful with daily operation and maintenance.**

Do NOT overload scale. Make sure the patient does not weigh more than 660 lbs as this will damage loadcell and void warranty.

Inspect shackle and Sling Bar/Cradle before using. Check clips, pins and screws regularly.

Check battery frequently. When scale runs out of power, replace the dead batteries with new ones.

Rotate load rather than scale if needed.

Do NOT get the scale wet or get near water.

Store the Lift scale in a dry and well-ventilated room. Do NOT place scale on the ground or drop it.

Do NOT attempt to repair scale yourself.

# 2. Features

**This scale is a combination of sound and proven mechanical design, with today's most advanced electronics to provide a superb feature set. It is versatile, reliable, accurate and easy to operate.**

- Superb Quality.** Strictly in accordance with CE directives.
- Safety.** Aluminum-casting case, SS shackle, dedicated weighing loadcell for safety installation.
- Strong Reliability.** Cutting-edge technology, quality integrated circuit for high performance and long-time stability.
- Broad Applicability.** The scales are well-suited for hospitals, home care, nursing homes, retirement homes and rehabilitation centers.
- Complete Function.** Resolution switch, unit conversion, auto power-off, battery inspection, etc.

### 3. Specifications




|               |   |
|---------------|---|
| Accuracy      | OIML R76  |
| Tare Range    | 100% F.S.   |
| Zero Range    | 4% F.S.   |
| Stable Time   | ≤10sec  |
| Overload      | 100% F.S. + 9e  |
| Safety Load   | 120% F.S.   |
| Ultimate Load | 400% F.S.   |
| Battery       | 3*AA 1.5V batteries.  |
| Battery Life  | ≥65hour (tested by dedicated batteries,<br>backlight level 3, always lit) |
| Display       | 22mm/11mm HTN LCD with backlight  |
| Op. Temp.     | -10°C ~ +40°C   |
| Op. Humidity  | 20°C ≤90%   |

### 4. Weight Capacity








| Model | Max. Cap. | Min. Cap. | Res.   | Division |
|-------|-----------|-----------|--------|----------|
| 30300 | 660 lbs   | 4.4lbs    | 0.2lbs | 3,000    |
|       |           |           |        |          |

## 5. Display & Keys

### Scale Keys

| Key   | Name   | Function  |
|---|--------|---|
|  | On/Off | Short pressing: Cancel & return to weighing mode<br>Long pressing: Power-on / Power-off                 |
|  | Tare   | Short pressing: Tare in/out; Increase digit<br>Long pressing: Zero; Move digit                          |
|  | Hold   | Short pressing: Lock/unlock; Confirm & next<br>Long pressing: Unit Switch; Input / cancel decimal point |

### Indicators


| LED   | Name   | Note                         |
|---|--------|------------------------------|
|  | Stable | shown when weight is stable  |
|  | Zero   | shown when weight is at zero |
|  | Tared  | shown when scale is tared    |
|  | Hold   | shown when scale is locked   |
|  | lb     | shown when unit is lb        |
|  | kg     | shown when unit is kg        |
|  | UN     | shown when unit is User Unit |

## Message

| Message | Stand for | Note                    |
|---------|-----------|-------------------------|
| -----   |           | detect weight           |
| SETUP   | SETUP     | User Setup Menu         |
| bAt99   | Battery   | battery life percentage |
| End     | END       | save and exit           |
| off     | OFF       | power off               |
| over    | Overload  | overloading             |
| Err     | Error     | invalid operation       |


## 6. Operations

### Power On/Off

- ✓ Press  for 1 time to power-on scale. Scale perform initialization and power-on test, **88888** shows twice, then capacity


**660** shows, battery life percentage **bAt99** shows, weight detection **-----** shows and then auto zero.

- ↪ For information about Auto-Zero, refer to Scale Configuration in Technical Manual.

- ✓ Press  for 1 time to power-off scale. Battery life percentage **bAt99** shows, off message **off** shows, and then cut off power.

- ↪ When 3 batteries voltage is lower than 3.2V, scale will auto power-off itself. Please replace the dead batteries with new ones.

### Zero



- ✓ Press  for 1 time to zero. **Z** shows.

If load is in motion, or tared, or out of Manual-Zero Range,



**Err** shows.

↪ For information about Manual-Zero Range, refer to Scale Configuration in Technical Manual.


### Tare In/Out

- ✓ In gross mode, press  to tare in. **T** shows.  
If load is in motion, or negative, or out of Tare Range, **Err** shows.  
Tare will reduce the apparent overload range of scale. For example, if a 500\*0.2kg scale has a 100kg container as its tare, the scale will overload at a new weight of 401.8kg (500 – 100 + additional 9 divisions).
- ✓ In net mode, press  to tare out. **T** disappears.



### Lock/Unlock

- ✓ Press  to lock screen. **H** shows.
- ✓ Press  to unlock screen. **H** disappears.



### Unit Switch

- ✓ Press  for 1 time to switch unit in between kg, lb, and User Unit.  
When unit is kg, **KG** shows. When unit is lb, **LB** shows.  
When unit is User unit, **UN** shows.  
For more information about User Unit, refer to Scale Configuration in Technical Manual.

## 7. User Setup

- ✓ Press  and  at the same time for 1 time to enter User Setup menu. **SETUP** shows.

### Auto-Off Timing

- ✓ Press  to enter Auto-Off Timing. **off--** shows.
- ✓ Press  to change timing value.

↙ Auto-Off Timing can be set to: **0** (disabled), **5** (5min), **10** (10min), **15** (15min), **30** (30min), **60** (60min). It is disabled by default.

Auto-Off function maximizes scale's battery life against people's carelessness not to power off scale when it's not working.

Auto-Off starts countdown timer when there's no action or load is stable. Any key pressing or motion in load restarts countdown timer.

### Backlight Brightness

☑ Press  to enter Backlight Brightness. **br** shows.

☑ Press  to change brightness value.

↙ Backlight Brightness can be set to: **off** (disabled), **1** (dim), **2** (normal), **3** (bright).

Dim backlight brightness saves battery power dramatically.

### Idle Mode Timing

☑ Press  to enter Idle Mode Timing. **IDL--** shows.

☑ Press  to change timing value.

↙ Idle Mode Timing can be set to: **0** (disabled), **5** (5sec), **10** (10sec), **15** (15sec), **30** (30sec), **60** (60sec). It is 30sec by default.

To maximize battery life, scale automatically enters Idle Mode, when there's no action or the load is stable. In Idle Mode, scale works in low-power consumption status. Any key pressing or motion in load wakes up scale from Idle Mode.

☑ Press  to exit User Setup.



## 8. Battery Maintenance

To maximize battery life, please note the following battery maintenance guide.

This scale is powered by a 3 AA 1.5V batteries.

Battery house can be opened by screwing off 2 screws.

Depending on backlight brightness and idle mode setting, normally, battery works over 65 hours.


In order to conserve battery life, enable Auto-Off and Idle Mode, dim backlight brightness.

To obtain maximum service life, battery should be stored between -20°C (-4°F) and +50°C (122°F). Stored batteries should be recharged every three months or replaced.

When 3 batteries voltage is lower than 3.2V, scale will auto power-off itself. Please replace the dead batteries with new ones.

## 9. Troubleshooting

Simple problems can be resolved as below listed solution.

| Symptom   | Possible Cause                 | Suggested Solution                    |
|---|--------------------------------|---------------------------------------|
| not power-on after  is pressed | discharged / defective battery | check battery and replace             |
|   | defective On/Off key           | press harder and keep pressing for 2s |
|   | defective power cable          | open front panel, check power cable   |
|   | defective mainboard            | contact representative                |

|  |  |                                     |
|--|--|-------------------------------------|
| backlight<br>flashes                       | discharged battery                       | replace battery                     |
| no action taken<br>after key<br>pressed    | scale is disturbed                       | re-plug power cable                 |
|  | defective key                            | contact representative              |
| weight reading<br>not stable               | load in motion                           | keep load stable                    |
|  | weak Anti-Motion                         | change Anti-Motion level            |
|  | damped loadcell or<br>mainboard          | dry loadcell or mainboard           |
|  | defective mainboard                      | contact representative              |
| weight reading<br>not zero when<br>no load | discharged battery                       | replace battery                     |
|  | load-cell stressed too<br>long           | hang scale in storage               |
|  | loadcell drifts                          | contact representative              |
| large error in<br>weight reading           | scale not zeroed before<br>applying load | Manual Zero scale before<br>loading |
|  | wrong unit                               | switch to correct unit              |
|  | scale requires<br>calibration            | calibrate scale                     |
|  | defective loadcell or<br>mainboard       | contact representative              |

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#### STATEMENT OF LIMITED WARRANTY

The Protekt<sup>®</sup> Digital Patient Lift Scale you purchased is guaranteed to be free from defects in material and workmanship under normal use and service. The warranty period for this product is 2 Years from the date of purchase by the original purchaser. This warranty shall be voided upon transfer of ownership of this product. Proactive Medical agrees to repair or replace this product, at our discretion and at no charge, within the warranty period provided and that Proactive Medical consents the

unit is defective. The repaired or replacement unit shall be warranted for a period equal to the balance of the defective unit's warranty period.

**NOTE:**

To ensure the best service to our customers, Proactive Medical requires the following information to be included with the returned unit:

1. Model Name/Number and Serial Number on the packaging.
2. Proof of purchase, i.e. a copy of the original invoice.
3. A Return Authorization number (RA#) obtained by calling Authorized dealer/distributor prior to the return of the product. The RA# must be clearly indicated on the outside of the packaging.
4. A detailed description of the problem and its symptoms on a note.

This warranty shall not apply to any product which has been repaired or altered in any way so as, in our judgment, to affect its functionality and durability, nor to any product subject to abuse, misuse, negligence or accident, improper maintenance, improper installation, nor to any product used with other parts, components and/or accessories with quality and/or specifications not compatible with this product. This warranty does not cover products that have been impaired by occurrences considered Acts of God over which authorized dealer has no control. This warranty shall also be voided if any required periodic maintenance, if applicable, has not been properly performed on this product.

This warranty and the aforementioned remedies presented are exclusive and in lieu of all other express or implied warranties. No other representations or claims shall be binding or obligate authorized dealer in any way. Any warranty applicable to this product is limited to the aforementioned period indicated. In no event shall authorized dealer be liable for any special, incidental, or consequential damages; loss of revenue; or cost of replacement goods; resulting from the use or malfunction of this product to the associated equipment on which and with which it is used. This warranty gives specific legal rights and you may be entitled to other rights that vary from state to state.