

ENGLISH



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User Manual

version 1.08

DTEP 50–150–300

DIGITAL CRANE SCALES



SYMBOLS

Here are the symbols used in the manual to draw the reader's attention:



Caution! Risk of electric shock.



Caution! This operation must be performed by skilled personnel.



Pay particular attention to the following instructions.



Further information.

WARRANTY

24 months from the date of the delivery note. Warranty covers only failures of defective components (due to construction defects or defects in materials) and includes replacement or repair of the components and related labor costs.

Warranty is automatically forfeited in the event of:

- tampering, deletion, removal of the identification label and/or serial number of the product
- misuse, transformation, alteration, repair of products not carried out by Laumas personnel

Laumas provides a 1-year warranty from the date of the delivery note on defects in material or manufacture of the battery.

GUIDELINES FOR PROPER DISPOSAL



**Sealed Lead Acid
Battery
Must be recycled
Properly**

This symbol on the product or packaging indicates that:

- This is electrical/electronic equipment and cannot be disposed of as municipal solid waste, but must be delivered to a recycling center
- Improper use or disposal can pollute the environment or damage human health
- Non-compliance with these guidelines will be penalized in accordance with the regulations in force in the country of destination
- It is recommended to dispose of the packing and packaging as required by local regulations

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INTRODUCTION TO THE MANUAL

If at power-up the display shows the software revision (**U 1.00**) refer to this manual, otherwise refer to the previous version.

MAIN SPECIFICATIONS OF THE INSTRUMENT

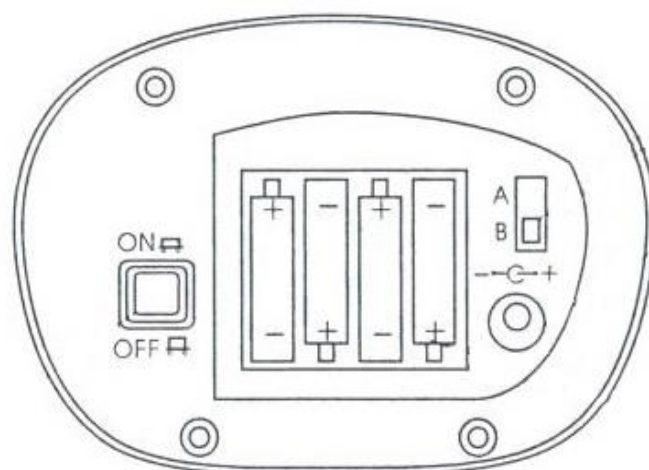
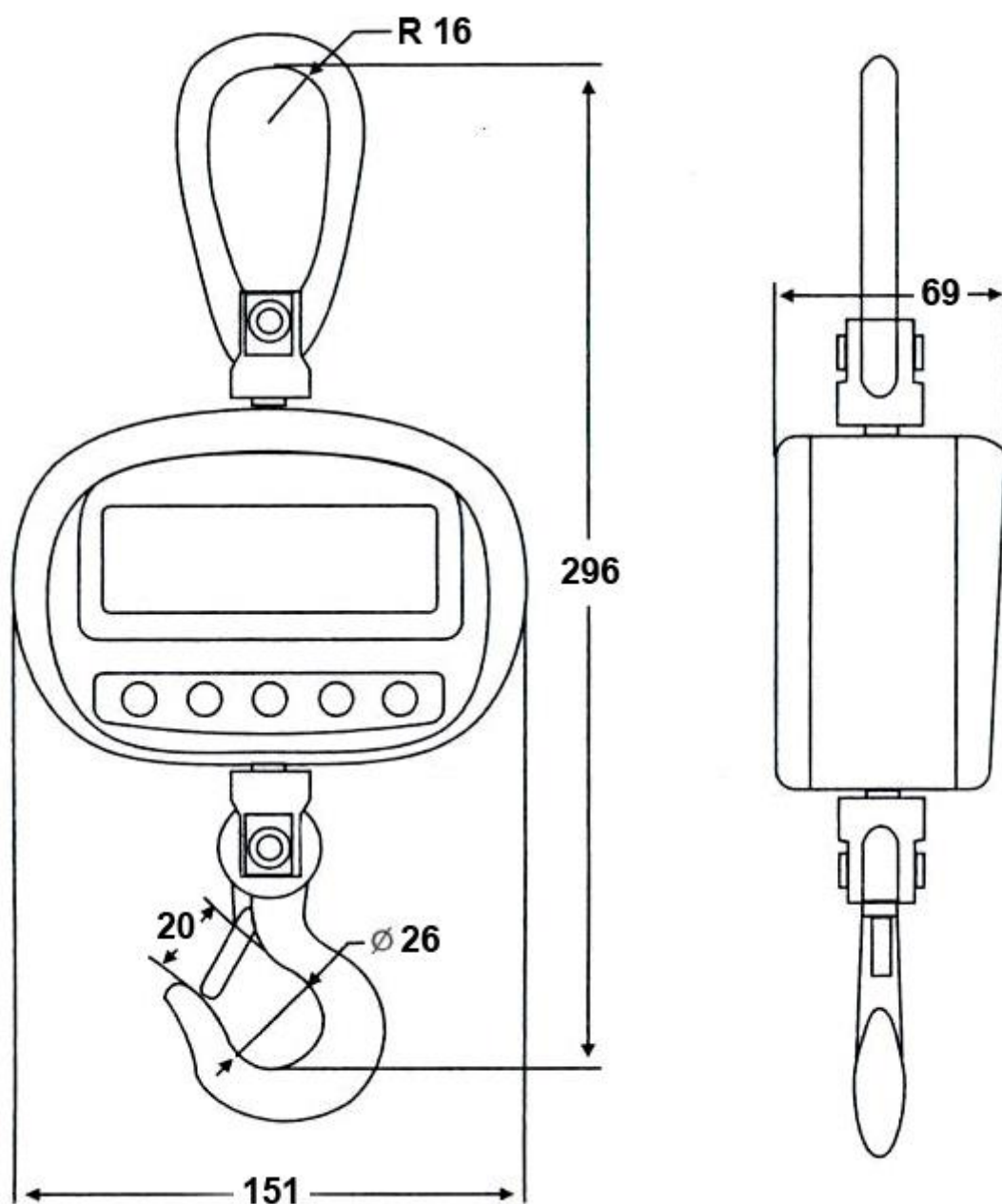
- Strain gauge load cell
- Revolving top shackle and bottom hook
- Backlit 5-digit LCD display (height 20 mm) with energy-saving function
- 4 indicator symbols
- Power supply: 4x1.5 V batteries, type AA (max. operating time: 80 hours)
- Automatic switch-off after 30 minutes of non-use
- Remote control with a range of up to 10 m in free air, with the following functions:
 - Power off
 - Zero-setting/net weight
 - Changing reading division
 - Display backlighting

MODEL	NOMINAL CAPACITY	STANDARD DIVISION	SELECTABLE DIVISION
DTEP 50	50 kg	0.01 kg	0.02 kg
DTEP 150	150 kg	0.02 kg	0.05 kg
DTEP 300	300 kg	0.05 kg	0.1 kg

TECHNICAL SPECIFICATIONS

ACCURACY CLASS	± 0.05% F.S.
PROTECTION RATING	IP54
MAXIMUM STATIC LOAD	150% F.S.
BREAKING LOAD	200% F.S.
WORKING TEMPERATURE	-10 °C +40 °C
NON-CONDENSING HUMIDITY	10 ÷ 90%
DISPLAY STABILIZATION TIME	<10 s

DIMENSIONS



KEY AND LED FUNCTION

KEYS

The power switch is located on the back of the crane scale.

The following functions can be activated via the keyboard or remote control; the LED  (stable weight) must be lit for the remote control to work properly.



After switching on, allow 5 minutes for the components to stabilize.



Stand-by mode: press the key 2 times, "Off" will be displayed blinking and the crane scale will go into stand-by mode. Use the power switch on the back of the crane scale to turn it off completely.



Weight zero-setting or net weight function; switching the display backlighting on and off.



Changing the weight reading division from the standard to the selectable value.

MODEL	STANDARD DIVISION	SELECTABLE DIVISION
DTEP 50	0.01 kg	0.02 kg
DTEP 150	0.02 kg	0.05 kg
DTEP 300	0.05 kg	0.1 kg

LED



Stable weight



Selectable division on



Low batteries

AUTO

Energy saving function on

SETUP MENU

Switch on the crane scale by pressing and holding the key  to access parameter programming.

Press  to change the value or  to confirm and go to the next parameter.

STABLE WEIGHT BUZZER

Bee 0: off

Bee 1: on

UNIT OF MEASUREMENT

CHt 0: kilograms

CHt 1: pounds

DISPLAY BACKLIGHTING

Aut 0: manually turning on display backlighting. While displaying the weight, press and hold the key

 to turn backlighting on or off.

Aut 1: automatically turning on display backlighting. Backlighting is only active when the displayed weight is not zero.

CALIBRATION

- Switch on the crane scale by pressing and holding the key , the display will show "00000".
- If required, set the password "11111", using  to increment the value and  to select the digit to be changed.
- Confirm with , the display will show "SPAN".
- Check that the crane scale is unloaded and displays "0"; press , the display will show "SET" for one second.
- Load a sample mass matching the capacity of the crane scale and enter the loaded amount using  to increase the value and  to select the digit to change.
- When the weight is stable press  to save the entered value, the display will show "HOLD" and after a few seconds the crane scale will go back to show the current weight.

DECLARATION OF CONFORMITY - EU

LAUMAS*Innovation in Weighing*

SISTEMI DI PESATURA INDUSTRIALE - CELLE DI CARICO - BALANCE

LAUMAS Elettronica S.r.l.
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N. IT09060P00000982 - Registro A.E.E. N. IT08020000002494 - N. Mecc. PR 008385 - Cap. Sociale € 100.000 int. vers.

SISTEMA QUALITÀ CERTIFICATO UNI EN ISO 9001 - SISTEMA GESTIONE AMBIENTALE ISO 14001 - MODULO D: GARANZIA DELLA QUALITÀ DEL PROCESSO DI PRODUZIONE

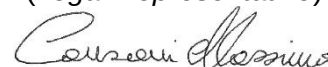
I	Dichiarazione di conformità	Dichiariamo che il prodotto al quale la presente dichiarazione si riferisce è conforme alle norme di seguito citate.
GB	Declaration of conformity	We hereby declare that the product to which this declaration refers conforms with the following standards.
E	Declaración de conformidad	Manifestamos en la presente que el producto al que se refiere esta declaración está de acuerdo con las siguientes normas
D	Konformitäts-erklärung	Wir erklären hiermit, dass das Produkt, auf das sich diese Erklärung bezieht, mit den nachstehenden Normen übereinstimmt.
F	Déclaration de conformité	Nous déclarons avec cela responsabilité que le produit, auquel se rapporte la présente déclaration, est conforme aux normes citées ci-après.
CZ	Prohlášení o shodě	Tímto prohlašujeme, že výrobek, kterého se toto prohlášení týká, je v souladu s níže uvedenými normami.
NL	Conformiteit-verklaring	Wij verklaren hiermede dat het product, waarop deze verklaring betrekking heeft, met de hierna vermelde normen overeenstemt.
P	Declaração de conformidade	Declaramos por meio da presente que o produto no qual se refere esta declaração, corresponde às normas seguintes.
PL	Deklaracja zgodności	Niniejszym oświadczamy, że produkt, którego niniejsze oświadczenie dotyczy, jest zgodny z poniższymi normami.
RUS	Заявление о соответствии	Мы заявляем, что продукт, к которому относится данная декларация, соответствует перечисленным ниже нормам.

Models: DTEP

Mark Applied	EU Directive	Standards
CE	2014/35/EU Low Voltage Directive	Not Applicable (N/A)
CE	2014/30/EU EMC Directive	EN 61326-1:2013 EN61326-2-2:2013
CE	2006/42/EU Machinery Directive	EN13155:2020

Montechiarugolo (PR), 18/04/2023

LAUMAS Elettronica s.r.l.
M. Consonni
(Legal Representative)



DECLARATION OF CONFORMITY - UKCA



SISTEMI DI PESATURA INDUSTRIALE - CELLE DI CARICO - BILANCE

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SISTEMA QUALITÀ CERTIFICATO UNI EN ISO 9001 - SISTEMA GESTIONE AMBIENTALE ISO 14001 - MODULO D: GARANZIA DELLA QUALITÀ DEL PROCESSO DI PRODUZIONE

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Models: DTEP

Mark Applied	UK legislation	Standards
UK CA	Electrical Equipment (Safety) Regulations 2016	<i>Not Applicable (N/A)</i>
UK CA	Electromagnetic Compatibility Regulations 2016	BS EN 61326-1:2013 BS EN 61326-2-2:2013
UK CA	The Supply of Machinery (Safety) Regulations 2008	BS EN 13155:2020

Montechiarugolo (PR), 18/04/2023

LAUMAS Elettronica s.r.l.
M. Consonni
(Legal Representative)

Sul nostro sito www.laumas.com, sono disponibili video relativi alle norme per la corretta installazione dei sistemi di pesatura e video tutorial sulla configurazione dei nostri trasmettitori e indicatori di peso.

Tutti i manuali dei prodotti Laumas sono disponibili online. Puoi scaricare i manuali in formato PDF dal sito www.laumas.com consultando la sezione Prodotti o l'Area Download. È necessaria la registrazione.

Prima di stampare, pensa all'ambiente!

CERTIFICAZIONE DEL SISTEMA DI GESTIONE AMBIENTALE secondo UNI EN ISO 14001.
Laumas contribuisce alla salvaguardia dell'ambiente attraverso il risparmio sul consumo di carta.