



taylordolman

GB/US . . . . Digital Scale model RS

Vers. 1.00

CE

Guldmann™

By choosing the Digital Scale model RS professional electronic hanging scale, you have purchased a high precision instrument.

This instrument is compliant with national standards in hospitals and clinics with medical class I with measurement function and is calibrated in conformity with accuracy class III.

The instrument is equipped with large LCD electronic terminal with function Hold weight.



## GB/US . . . . Digital Scale

Item no.:  
560640 & 560641

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**Carefully read this manual before using the instrument as it supplies important indications concerning OPERATING SAFETY AND MAINTENANCE.**

The descriptions and illustrations supplied in this manual are not binding. Guldmann reserves the right to modify its products as deemed convenient in order to approve them without being committed to update this publication.

#### Conventions:

The following symbols have been used in this manual:

	0476 EC TYPE APPROVAL FOR MEDICAL USE
	METROLOGICAL CERTIFICATION AND APPROVAL
	ACCURACY CLASS
	<b><u>ATTENTION!</u></b> DIGITAL SCALE MUST BE INSTALLED CORRECT BEFORE USE. IN CASE OF INCORRECT INSTALLATION, IT CAN CAUSE HARM ON PATIENT AND/OR THE DIGITAL SCALE
	WASTE DISPOSAL
	TYPE B PARTS SUPPLIED
	BATTERY POWER
	INDICATION OF WEIGHT FUNCTIONALITY
	INDICATION OF STABLE WEIGHT
	INTERFERENCE COULD OCCUR NEAR THE APPLIANCES
	DUAL INSULATION (CLASS II)






**Operators must read this manual carefully, follow the instructions contained therein and become familiar with the correct use and maintenance procedures of the instrument.**

This manual contains important information for the installation, use and maintenance of the dynamometer.

The manufacturer assumes no responsibility for direct or indirect damage, including loss of profits, or for any other commercial damage that may result from the use of the product that does not comply with the instructions in this manual. Keep this manual and the declaration of conformity for consultation and support of personnel training:

- Do not overload the instrument beyond the maximum flow value.
- Do not apply loads abruptly.
- Do not use sharp or pointed objects to press the keys.
- Do not attempt to open the instrument.
- Do not remove the seals on the instrument.
- Do not short-circuit the battery terminals.
- Use only the power supply provided by Guldmann and before use check the compatibility between the local mains voltage and the adapter's rated voltage (if equipped).
- Periodically check the integrity of the instrument power cable and do not come into contact with hot appliances.
- Make sure that the power cord does not create a risk of getting in the way or getting caught.
- Before cleaning the instrument, unplug the power cord.
- Do not immerse the instrument in water or other liquids.
- Have the maintenance operations and the subsequent metric checks done regularly (see paragraph).
- If on wheels, make sure that the instrumentation can not move accidentally. Use the parking brake while the patient sits up and stands up and help people who do not stand up properly.

**NOTE:** The medical device requires special precautions regarding electromagnetic compatibility and must be installed and used according to the information supplied with the accompanying documents.

<b>WARNING!</b> <b>IMPORTANT DIRECTIONS</b>	
	<p>The assembling of Digital scale model RS must be done by skilled operators only and before the use be sure that all hanging sick lift elements, dynamometer and sling are properly assembled, to weight the patient on safety conditions. A faulty assembling of these elements could cause the risk of falling with serious consequences for the patient.</p>
	<p>AFTER THE ASSEMBLY PHASE AND BEFORE PILLING THE PATIENT, THE OPERATOR MUST MAKE SURE THAT:          THE PATIENT IS PROTECTED WITH SOFT PARTS TO AVOID IMPACTS OR SERIOUS DAMAGES. IN PARTICULAR, PLACE THE PATIENT MATTRESSES, PILLOWS, BED OR ANY SOFT ELEMENT TO GUARANTEE THE BEST SAFETY OF THE PATIENT WHILE CHECKING THE WEIGHT INTO SUSPENSION</p> <ul style="list-style-type: none"> <li>• The Digital scale model RS and the harness are in VERTICAL POSITION</li> <li>• The operator must make sure that the weighing is carried out with raising unhealthy patients.</li> <li>• The operator who during the lifting and patient weighing phase MUST ENSURE that the patient raises with the attached Digital scale is stationary on a level surface.            Mov IT IS ABSOLUTELY FORBIDDEN to move before, during and after the weighing phase, the patient raises with The digital scale model RS and the harnessed patient</li> <li>• The operator must ALWAYS accompany and hold the patient's harness during the patient lifting phase to prevent torsions and sudden movements of the Digital scale and harness that can cause breakage and irreparable damage, with the risk of serious consequences for the patient.</li> <li>• DO NOT MOVE, TRANSPORT or ROTATE the patient raises with The digital scale with the patient in charge.</li> <li>• When the weighing phase is completed, the patient must be removed from the harness and moved with other devices in safety</li> </ul>
 NO TORSION	<p>During weighing phase with the digital scale model RS, the operator must be sure that the patient remains still, to avoid any instruments torsion and the following uncorrect weighing.</p>
 NO TORSION	<p>After weighing phase the operator must ALWAYS follow and hold the sling of the patient to avoid torsion and sudden movement of both The digital scale and sling that could cause breakages and irreparable damages, with the risk of serious consequences for the patient.</p>
	<p><b>WARNING!</b>          To measure the patient ALWAYS IN SAFETY The operator MUST place a cushion under the patient raised</p>

- When using electrical components under increased safety requirements, always comply with the appropriate regulations.
- Improper installation will render the warranty null and void.
- Ensure the voltage marked on the power supply unit matches your mains power supply.
- This device is designed for use indoors.
- Observe the permissible ambient temperatures for use
- The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.
- Ensure that the patient does not lean against the device risk of falling! If you have any problem, contact your local service partner.
- The maximum scale loading must not be exceeded. The device beeps when loading exceeds its maximum capacity.

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## 2.01

### Intended use

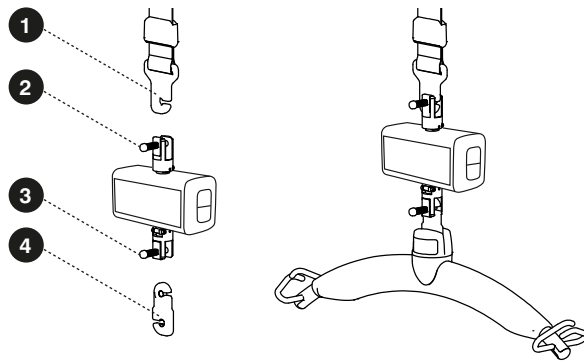
This device is intended to be used for the suspension weighing of patients for general diagnostic purposes.

**Environment of use:** in hospitals and specialized medical clinics. The installation room must be equipped with an electrical system that complies with the regulations in force. It is recommended to use the device in environments not exposed to magnetic interference.

**Personnel destined to use the product:** specialized operators and doctors who are aware of all the safety procedures for correct use.

**Control and Responsibility:** the medical device must be used under the supervision of a qualified doctor (only for class III scale) or qualified maintenance personnel and periodic checks that are aware of all safety procedures.

**Limitations of use:** this medical device may only be used as described in this manual.



There are many different ways of attaching the digital scale depending on the usage situation. The most common ways of attaching the digital scale are described below and the combination possibilities are illustrated in the configuration table at the end of this section.

1. Hoist or lifter attachment
2. Quick connector shaft in Digital scale top
3. Quick connector shaft in Digital scale bottom
4. Adaptor for hanger attachment

#### 1. A. Attaching the digital scale to a ceiling hoist GH1, GH3 or mobile lifter GL5

Attach the digital scale to the hook on the ceiling hoist or mobile lifter by pressing in the quick connect shaft (2) and attach the hoist or lifter hook (1).

#### B. Attaching the digital scale to a ceiling hoist GH2 or oval hook "Universal"

Attach the digital scale to the hook on the ceiling hoist by opening the GH2 snap hook (1) or the oval hook and attach the hoist hook with the quick connect shaft (2).

#### C. Attaching the digital scale to a mobile lifter GL

Attach the digital scale to the mobile lifter by having a mobile lifter adaptor fitted to the tip of the mobile lifter.

Attach the digital scale to the mobile lifter adaptor on the mobile lifter by pressing in the quick connect shaft (2) and attaching the mobile lifter adaptor (1).



**2. Attaching the adaptor hook for hanger attachment to the digital scale**

Press in the quick connect shaft (3) and attach the adaptor hook (4).

Attach the lifting hanger by inserting the adaptor hook (4) on the lifting hanger.

3. Hang the required sling on the lifting hanger and reset the digital scale to zero, see section 3. The display will now show 0.0.
4. Remove the sling from the hanger, place the user in the sling and hang it on the lifting hanger again.
5. Carefully lift the user. When the sling carrying the use is steady and freely suspended, the total weight will now be shown on the display.

***Important***

Always reset the scale to zero after weighing the patient.

***Important***

The power conserving function will automatically turn off the display after 30 seconds when there is no weight on the scale. This can be changed – see section 3.07.

6. Carefully lower the user after reading the weight.

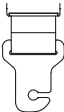
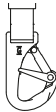
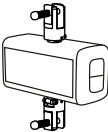
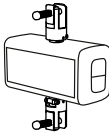


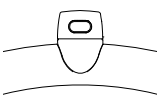
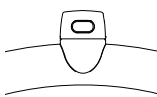
***Caution***

This device is intended to weigh patients during transfer (i.e.: bed to chair).


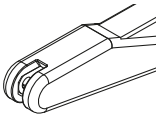

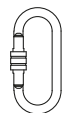
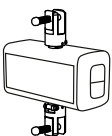
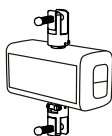
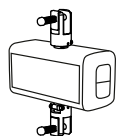


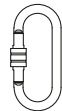
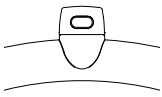
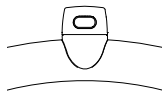
In case the lifting height is reduced, it may be necessary to split the process in two. Start by weighing the user and remove the device, then make the final transfer (i.e. bed to chair). This device is NOT intended for use during patient transport and should be removed when moving a patient.

## 2.03

## Configuration table

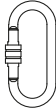


Configuration table for Digital scale		
Lifting capacity, max.	300 kg	300 kg
Length	200 mm	200 mm
Product	Ceiling hoist GH1 / GH3 movable	Ceiling hoist GH2
Lifter interface		
Adapter interface top	NA	NA
Digital scale RS		
Adapter interface bottom		
Hanger interface		

Configuration table for Digital scale

Lifting capacity, max.	300 kg		
Length	200 mm	260 mm	365 mm
Product	Mobile lifter GL5	Mobile lifter GL	Universal
Lifter interface			NA
Adapter interface top	NA		
Digital scale RS			
Adapter interface bottom			
Hanger interface			NA

## 2.04


## Accessories

Description	Part no.	Installation length	Illustration
Oval hook	21160	107,5 mm	
GH3 Adapter for Mobile lifter	552530	60 mm	
Adapter Hook hanger attachment	558898	45 mm	

Guide and Statement of manufacturer – Electromagnetic emissions		
The electronic Digital scale model RS is scheduled for operation in the electromagnetic environment specified below. The customer and the user should ensure that it is used in that environment		
Emission test	Conformity	Guide to electromagnetic environment
RF Emission CISPR11	Group 1 Class B	The Digital scale model RS cable model uses RF energy only for its internal function. The refore its RF emissions are very low and prob-ably not cause no interference in electrical equipment.
RF Emission CISPR11	Group 1, Class B	The Digital scale model RS is suitable for use in all sanitary and hospital buildings, connected to the low voltage public power supply network.
Harmonic emission	Class A	
Voltage fluctuations/flicker emission	Compliant	
Guide and Statement of manufacturer-Electromagnetic Immunity		
The electronic Digital scale model RS is scheduled for operation in the electromagnetic environment specified below. The customer and the user should ensure that it is used in that environment.		
Immunity test	Compliance	Guide to electromagnetic environment
Electrostatic discharges (ESD) IEC/EN61000 - 4 - 2	6kV in contact 8kV in air	The floors should be made of wood, concrete or ceramic. If the floors are covered in synthetic material, the relative humidity should be maximum 30%.
Rapid transients/ burst IEC/ EN61000 - 4 - 4	2kV power supply	The power supply should be of the type used typically in commercial or hospital environments.
Surge IEC/EN61000 - 4 - 5	1kV differential mode	The power supply should be of the type used typically in commercial or hospital environments.
Voltage dips, short interruption and voltage variation IEC/EN61000 - 4 - 11	<5%UT for 0.5 cycle 40%UT for 05 cycle 70%UT for 25 cycle <5%UT for 5 sec	The power supply should be of the type used typically in commercial or hospital environments. Note=UT is the value of the voltage of the feed.
Power frequency Magnetic field IEC/ EN61000 - 4 - 8	3A/m	



**CAUTION:** The medical device requires particular electromagnetic compatibility precautions and must be installed and used according to the information provided in the accompanying documents.

Manufacturer's guide and declaration - Electromagnetic emissions		
The electronic Digital scale model RS can be used in the electromagnetic environment specified below. The customer or the user must ensure that it is used in compliance with the specifications below.		
Emission test	Conformity	Guide to electromagnetic environment
Radiated/ conducted / emissions IEC/ EN61000-4-6	3Vrms 150kHz to 80MHz (for appliances that are not life supporting)	<p>Equipment in RF communications and mobile laptops should not be used near any part of the tooth, including cables, except when they meet the recommended separation distance calculated by the frequency applied to the transmitter.</p> <p>Recommended separation distance <math>d = 1.2 \sqrt{P}</math> <math>d = 1.2 \sqrt{P}</math> from 80 MHz to 800 MHz <math>d = 2.3 \sqrt{P}</math> from 800 MHz to 2.5 GHz where the P and maximum rated power output of the transmitter in Watts (W) according to the manufacturer of the transmitter and the recommended separation distance in meters (m). The intensity of the field of a fixed RF transmitters, as determined by an electromagnetic site, it could be lower than the level of compliance of each range of frequency</p> <p>b. You can check interference in proximity of equipment marked with the following symbol:</p> <div></div>
Radiated/ conducted /emissions IEC/ EN61000-4-3	3Vrms 150kHz to 80MHz (for appliances that are not life equipment)	
<p>With 80 MHz and 800 MHz is applied the higher frequency range. These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p> <p>a) The intensity of the field for fixed transmitters such as base stations for radiotelephone mobile and cordless phones) and land radio mobile, amateur radio equipment, radio transmitters in the AM and FM and TV transmitters cannot be made theoretically and with precision. To establish an electromagnetic environment due to fixed RF transmitters, it should consider the electromagnetic survey of the site. If the field strength measured at the place where you use the instrument exceeds the applicable level of compliance of the above, it should be placed under observation normal operation of the tooth device. If you notice abnormal performance, it may take additional measures as a different orientation or position of instrument.</p> <p>b) The field strength over a frequency range of 150 kHz to 80 MHz should be less than 3 V / m.</p>		

### Recommended separation distances between portable radio equipment unity.



The Digital scale model RS is expected to operate in an electromagnetic environment in which they control the noise radiated RF. The customer or the operator may be of help to prevent electromagnetic interference by ensuring a minimum distance between mobile communication devices and portable RF (transmitters) and unity, as recommended below, with respect to the maximum power output of equipment radio.


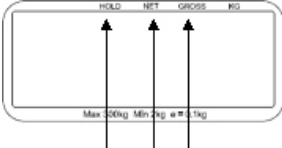
Output power rating of the transmitter W	Distance separating the frequency of the transmitter m		
	150 kHz a 80 MHz d = 1,2 $\sqrt{P}$	80 MHz a 800 MHz d = 1,2 $\sqrt{P}$	800 MHz a 2,5 GHz d = 2,3 $\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

For transmitters with maximum rated power output not reported above, the recommended separation distance d in meters (m) can be calculated using the equation applicable to the frequency of the transmitter, where P and the maximum rated power output of the transmitter in Watt (W) according to the manufacturer of the transmitter.

**Note:** With 80 MHz and 800 MHz is applied the higher frequency range. These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

### 3.00 Technical features

Model	RS
Factory	Wunder Sa. Bi. Srl - Trezzo sull'Adda (MI) Italy
Max Division	Max 300kg, e=100g
OIML	Class III
Unit Weight	Kg (OIML)
Display	LCD 25mm with 5 digits
Dimension mm	120 x70x 160
Key & Functions	ON/ZERO/OFF, HOLD, TARE
Power	6 alkaalin batteries mini-stilo code AAA
Temperatura operativa	0°C / 40°C
	Comply with Directive 2011/65/CE
	IP54 PROTECTION (dust and sprays protection)

 <p>Function keys</p> <p>On/Off/Zero/Tare</p> <p>Hold (weight lock)</p>	<p><b>Digital Scale model RS:</b></p> <p><b>HOLD</b> = Weight lock indicator</p> <p><b>NET</b> = net weight</p> <p><b>GROSS</b> = gross weight</p> <p><b>kg</b> = weight unit</p>	 <p>3. HOLD    4. NET    5. GROSS</p>
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### 1. ON/OFF/ZERO/TARE:

1. Switch on/off the scale
2. Press this key to zero the scale. The zero range is +/- 2% of full capacity.
3. Press this key to tare when loads over zero range.
4. In tare mode, press this key again to clear the tarred value when there is no load on the platform.
5. Press this key without release 3 seconds to power off the scale.

### 2. HOLD:

Press this key to lock weight value while weighing. Disable the hold function, press Hold key again.

### 3. NET:

"Net" function indicator

### 4. HOLD:

"Hold" function indicator



Before reading detailed instructions on how to use all the weighing functions, please read the following guidelines:

- Always be sure that the display shows 'Zero' before use, if it doesn't then press the ZERO key.
- The Professional Medical Hoist scale is designed to detect when a stable weight is achieved, your reading should be taken at this point.



**ATTENTION!** Tilt angle over 3° will cause false reading.



NO TORSION

- An inclination of more than 3° will result in inaccurate readings.
- For a correct weight measurement, during the weighing phase, the operator, before leaving the patient free, must ensure that the patient remains stationary to prevent twisting and oscillation of the instrumentation and carry out an incorrect weighing.
- We recommend not to apply the dynamometer to lifters with a fixed suspension arm without the possibility of rotating at 360°.
- Do not tilt or rotate the dynamometer horizontally.



IT IS STRICTLY FORBIDDEN

TO MOVE OR TRANSPORT

THE PATIENTS WHILE SUSPENDED



**ATTENTION!**

For measuring the patient ALWAYS SAFE, the operator MUST place a pillow under the patient raised

WEIGHING THE PATIENT MUST BE STRICTLY OBSERVED

## 6.00

### Functions setting

**Auto-Off Time Adjustment:** This feature affects the period of non-operation. Once exceed the setting time, the device will shut off automatically.

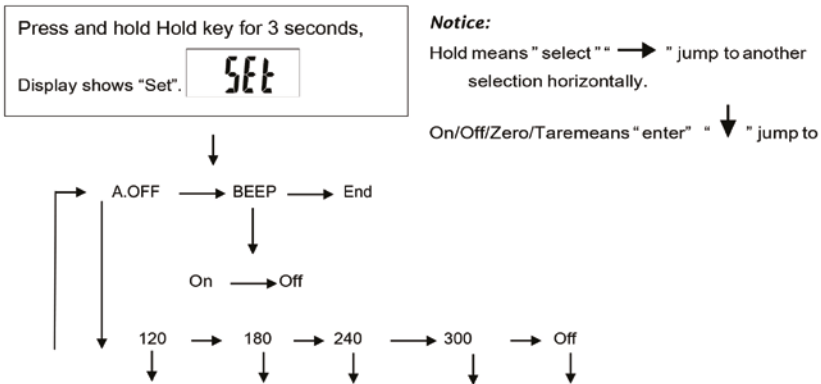
**Auto off time:** 120 sec/180 sec/240 sec/300 sec/off

**Buzzer Adjustment:** This function affects the buzzer sound ON and OFF by user's preference.

**Buzzer:** On/Off

## 7.00

### Operation flow



<b>A.OFF</b>	Setting the time for auto time-off - 120/180/240/300/off (seconds)
<b>bEEP</b>	Buzzer ON (beep on) / OFF (beep off)
<b>End</b>	Save the settings

For Example: Set up 180s AUTO-OFF time and Buzzer OFF

- Step 1. Press HOLD for 3 seconds to enter setup mode.
- Step 2. Press ZERO to enter A.OFF mode when A.OFF is displayed
- Step 3. Press HOLD to select 180 S which means AUTO-OFF TIME is 180 seconds.
- Step 4. Press ZERO to decide and return to A.OFF mode and press HOLD to shift to BEEP setup mode.
- Step 5. Press ZERO to enter BEEP setup mode and press HOLD again to select between ON and OFF.
- Step 6. Press ZERO to decide and return to BEEP setup mode.
- Step 7. Press HOLD to select END and press ZERO to finish setting.

Digital scale model RS uses six AAA size alkaline batteries. Please read the following instruction before using the scale.

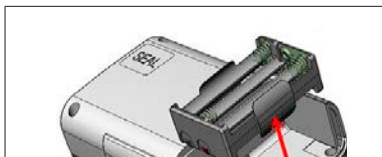
- 1. Find the battery cover on the backside of the scale



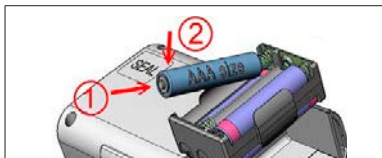
- 2. Remove the battery cover.



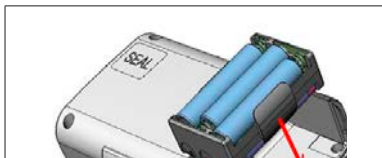
- 3. Take out the battery case



- 4. Installing new AAA size batteries.



5. Reinstalling the battery case.



6. Installing the battery cover.



## 10.00

### Warning Information

<b>1. Low battery indication</b> This warning show that the voltage of battery is very low, please change a new one.	
<b>2. High Zero</b> The loading is over limit when power on, please reduce the loading.	
<b>3. Low Zero</b> The loading is under limit when power on, please increasing the loading.	
<b>4. Over load or Counting error</b> The loading is over limit when power on, please reduce the loading and try again. If the trouble is still exist, please call the service.	
<b>5. EEPROM error</b> The programs of the scale is error, please call the service.	

**WARNING!**

IT IS RECOMMENDED TO KEEP THE INSTRUMENT SUPPLIED UNDER CONTROL WITH A CORRECT PERIODIC MAINTENANCE

We recommend having this check carried out by qualified personnel to carry out the operation. For further information please contact your local Guldmann representative, which is at your disposal. For a better and longer life of the product it is good to periodically perform a thorough general cleaning. Periodically perform (at least once a year) functional checks of the Digital scale model RS, as follows:

- Control of mechanical parts, hooks, pins, screws, etc.
- Keyboard functional control,
- Control of the Abs enclosure
- Battery check
- Weight control (according to metrological standards DL N.517 and DM N.182).

The instrument must be cleaned with a soft cloth, dampened with water or neutral detergent, avoiding the use of solvents or abrasive substances. Do not use large amounts of water while cleaning the scales, as it may cause damage to the electrical components of the balance. **Always disconnect the scales from the power supply before cleaning.** In case of prolonged use of the instrument, remove the batteries from the terminal and cover the instrumentation to keep it intact. During transport, be careful not to subject the instrument to shocks or excessive mechanical stress. In case of repair or assistance, contact your local Guldmann representative .

The instrument is sold approved with a first metrological check (plate with M). A subsequent calibration is always necessary if one or more safety stamps are damaged or the display shows abnormal weights.

We recommend that qualified personnel perform maintenance.

**CAUTION**

In some countries, calibration can only be performed by an authorized / qualified agent.

Contact your distributor for more information

If set aside for a long period, protect those parts which could be damaged due to dust build-up.

### Scrapping

When you decide to no longer use this item, we recommend making it unusable. We also recommend making those parts which could be sources of danger harmless



### Waste disposal 2012/19/UE

This product complies with the **EU Directive 2012/19/UE**. The symbol of the crossed-out waste bin on the appliance indicates that the product, needing to be treated separately from household waste, at the end of its useful life must be completed in a separate collection facility for electric and electronic appliances or returned to the dealer upon purchase of a new equivalent appliance. The user is responsible for bringing the appliance to an appropriate collection structure at the end of its life. Appropriate separate collection and sending the appliance for recycling, treatment and environmentally compatible waste disposal contributes to avoid possible negative effects on the environment and health and favours the recycling of the materials the product is made of.

For more detailed information regarding available collection systems, contact your local waste disposal service or the shop where the product was purchased.

As consumers, you are obliged by law to return used or dead batteries. You may deposit old batteries at public collection spots in your town or else with any battery dealer who has placed specific collectors for this purpose. Even when scrapping electric and electronic appliances, they must be removed and deposited in specific collectors.

**NOTE:** The following symbols indicate the presence of harmful substances.

**Pb Pb** = batteries containing Lead

**Cd Cd** = batteries containing Cadmium

**Hg Hg** = Batteries containing Mercury



**ATTENTION!** Do not throw electric parts and used batteries away with household waste. Dispose of the batteries by means of your closest collection centres.



### Repetition of the metrological verification

The instrument is sold with a first metrological check (plate with 'M'). We recommend that qualified personnel perform maintenance.



### WARNING!

In some countries, periodic verification can only be performed by an authorized / qualified body. Contact your distributor for further information.

### A.

### Warranty

Guldmann warrants its equipment is free from material defects under normal use, and will perform substantially in accordance with the specifications set forth in documentation provided with the equipment.

This express warranty shall be in effect for one year from the date of original purchase and installation (the "Warranty Period"). If a valid claim is made during the Warranty Period for malfunction or equipment defect, Guldmann will repair or replace the equipment at no additional cost to you. Guldmann retains sole discretion as to whether the equipment will be repaired or replaced.

The warranty does not cover any part of the equipment that has been subject to damage or abuse by the user or others. The warranty does not cover any part of the equipment that has been altered or changed in any way by the user or others. Guldmann does not warrant that the lifting device functions will meet your requirements, be uninterrupted or error free.

The warranty set forth is in lieu of all other express and implied warranties, whether oral, written or implied, and the remedies set forth above are your sole and exclusive remedies. Only an authorized officer of Guldmann may make modifications to this warranty, or additional warranties binding on Guldmann. Accordingly, additional statements such as advertising or presentations, whether oral or written, do not constitute warranties by Guldmann.

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann certified technician. Any parts or components repaired or replaced by a Guldmann certified technician will be guaranteed for the remainder of the Warranty Period.

#### **Only for USA**

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann Certified Technician. A Guldmann Certified Technician is a technician who has successfully completed Guldmann Service Training, and who holds a valid Service Training Certificate from Guldmann, and is in possession of a valid password to access Guldmann's Service and Information Console (SIC). A Guldmann Service Training Certificate and SIC password are valid for three years (only USA) from the date the technician is first certified. Thereafter, the technician must undergo re-certification training to obtain a new valid certificate and password. Any parts or components repaired or replaced by a Guldmann Certified Technician will be guaranteed for the remainder of the Warranty Period. In the event the warranty is rendered null and void, the purchaser shall indemnify and hold Guldmann harmless of and from any and all claims or liability arising as a result of equipment malfunction or misuse.

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#### **B.**

##### **Service or Repair**

Contact Guldmann Repair for an authorization to return any defective item during the Warranty Period. You will be provided with a return authorization number and address for returning the item for warranty service or replacement. Do not return items to Guldmann under warranty without receiving a Return Authorization Number.

If mailing the item, pack it carefully in a sturdy carton to prevent damage. Include your Return Authorization Number, a brief description of the problem and your return address and phone number. Guldmann does not assume the risk of loss or damage while in transit, so it is recommended you insure the package.









| Time to care |

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