



Installation and Operating Instructions



9000-616-11/30



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Important Information

1. General

1.1 General Notes

- These Installation and Operating Instructions form an integral part of the unit. They must be kept close to the unit at all times. Precise observance of these instructions is a precondition for use of the unit for the intended purpose and for its correct operation. New personnel must be made aware of the contents, and they should be passed on to future operating staff.
- Safety for the operator as well as trouble-free operation of the unit are only ensured if use is made of original equipment parts. Only accessories which are expressly mentioned in the Installation and Operating Instructions may be connected or those recommended explicitly by Dürr Dental. If other accessories are used with this appliance, Dürr Dental cannot guarantee safe operation or proper functioning. No liability on the part of the manufacturer will be accepted in the case that damage arises through the use of non/approved accessories.
- Dürr Dental are only responsible for the equipment with regard to safety, reliability and proper functioning where assembly, resettings, changes or modifications, extensions and repairs have been carried out by Dürr Dental or an agency authorized by Dürr Dental and if the equipment is used in conformity with the Installation and Operating Instructions.
- The Instructions for Use correspond to the model type of the appliance and the current technical features at the time of first use.
- The translation of these Installation and Operating Instructions has been carried out in good faith. No liability can be accepted for mistakes in the translation. The German version of the Instructions for Use remain the original and in the case of any unclarity please contact your dealer or the manufacturer directly, who will be happy to advise.
- Any reprinting of the technical documentation, in whole or in part, is subject to prior approval of Dürr Dental being given in writing.

- Retain the packaging for possible return of the product to the manufacturers. Ensure that the packaging is stored away from children. Only the original packaging provides adequate protection during transport of the unit. Should return of the product to the manufacturers be necessary during the guarantee period, Dürr Dental accepts no responsibility for damage occurring during transport where the original packaging was not used!

1.2 Correct Usage

The Hygoprint is used to print out adhesive labels which includes the appropriate and important data documenting the sterilisation of items used in the medical field.

1.3 Incorrect Usage

Any use of this appliance/these appliances above and beyond that laid down in the Installation and Operating Instructions is deemed to be incorrect usage. The manufacturer cannot be held liable for any damage resulting from incorrect usage. The operator will be held liable and bears all risks.

2. Safety

2.1 General Safety Notes

This appliance has been so designed and developed by Dürr Dental that under correct usage that there can be no danger to operator or patient. In spite of this, we feel it is our duty to mention the following safety measures in order to prevent any possible danger.

- When using this appliance all local and relevant regulations must be observed!
Converting or modifying the appliance in any way is strictly prohibited. In such cases, any and all guarantees immediately become invalid. The operation of modified appliances can be punishable by law. In the interests of trouble-free operation the operator is responsible for observing these regulations.
- Before every use the operator must check the functional safety and the condition of the appliance.
- The operator must be knowledgeable in the operation of the appliance.

3. Warnings and Symbols

In the operating instructions the following warnings and symbols have been used:



Special instructions concerning the economical application of the unit and other notes.



Wear protective gloves

4. Delivery Contents

Hygoprint Set	6020-080-50/..
Operating Instructions	9000-616-11/..
Spare label roll, single self-adhesive (roll of 1000 pieces, in appliance).	1x
Spare label roll, double self-adhesive (roll of 500 pieces).	1x

4.1 Disposable materials

Spare label roll, single self-adhesive (5 rolls of 1000 pieces) x

DE	6020-090-50
EN	6020-090-50/02
FR	6020-090-50/03
NL	6020-090-50/14

Spare label roll, double self-adhesive (8 rolls of 500 pieces)

DE	6020-090-51
EN	6020-090-51/02
FR	6020-090-51/03
NL	6020-090-51/14

Sterilization record book (5 pads with 100 sheets)

DE	P007-369-01
EN	P007-369-02
FR	P007-369-03
NL	P007-369-14

Spare ink roll black (1 piece)	6020-080-60
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sterilized at:	usable until:	
22 FEB 07	22 MAR 07	
Nr partii:	Nr steryl.:	Nr osob.:
24	4	90

Sterilisation on:	Use before:	
22 FEB 07	22 MAR 07	
Batch no.:	Steri-no.:	Pers.-no.:
24	4	90

stérilisé le:	utilisable jusqu'au:	
22 FEB 07	22 MAR 07	
n° de cycle:	n° du steri:	n° du nom:
24	4	90

Esterilizado em:	Usar antes de:	
22 FEB 07	22 MAR 07	
Lote Nº:	Steri-Nº:	Resp.-Nº:
24	4	90



Use

5. Labels

5.1 General

The accessories consists of the following label rolls:

- single self-adhesive roll of labels (in appliance)
- double self-adhesive label roll

Both types of label contain fields for the sterilisation date, a use-by date, a lot or batch number, a steriliser number and the operator's personnel number. Use the appropriate label according to application.

5.2 Simple self-adhesive labels

The single self-adhesive labels can only be used once. During sterilisation the label must be stuck onto the packed, sterilised item and the sterilisation details documented.



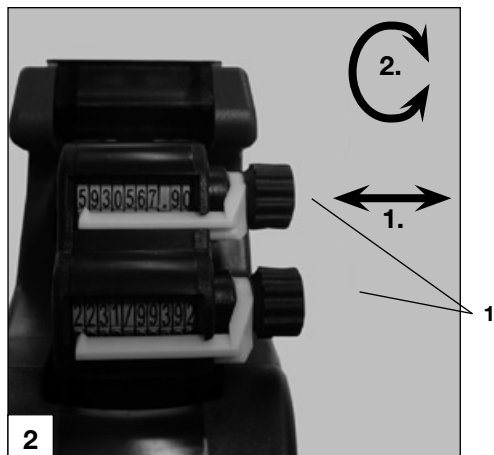
Only complete documentation is ensured when the information on the label of the packaged sterile item can be assigned to a particular patient.

5.3 Double self-adhesive labels

Double self-adhesive labels can be removed once after initial use and can then be re-used. During sterilisation the label must be stuck onto the packed, sterilised item and the sterilisation details documented.



Complete documentation is ensured when the label of the packaged sterile item is removed and transferred to the file or record card of a particular patient.



6. Operation

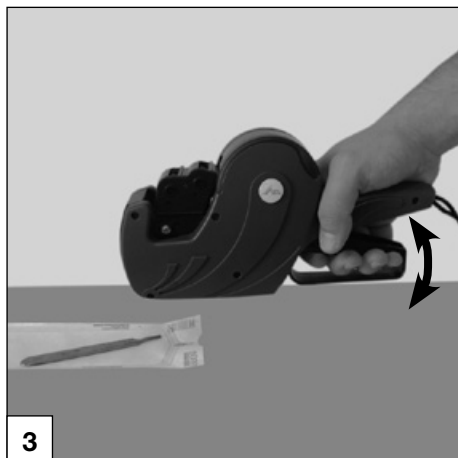
6.1 Setting data

- Press in or pull out the adjusting wheel (1) to select the suitable data.
- The required symbol can be set by turning the adjustable wheel (1).



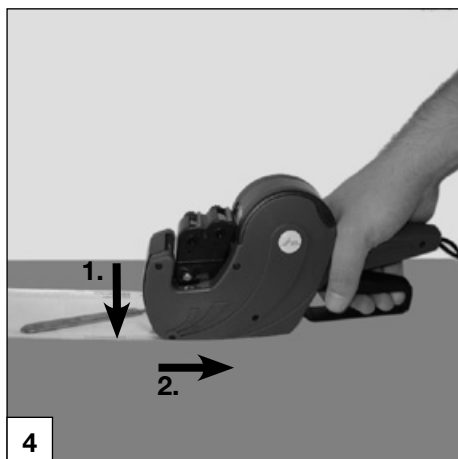
Black letters on a grey background must be visible. Numbers which appear black on a black background will not be printed.

EN

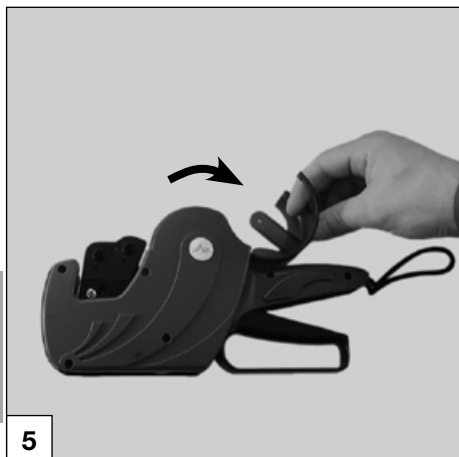


6.2 Preparing labels

- Take the handle grip in the hand and press and release without making contact with anything.



- Place the printer onto the correct location and pull slowly and carefully to the rear (towards you).

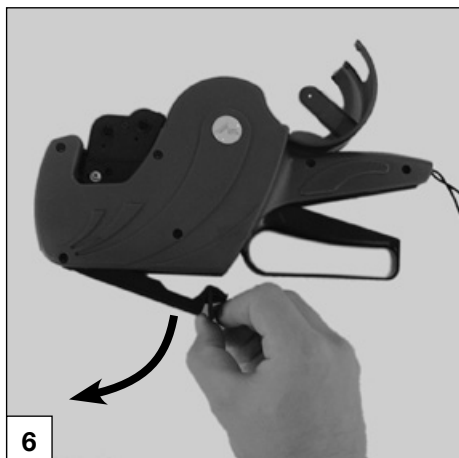


6.3 Changing the label roll

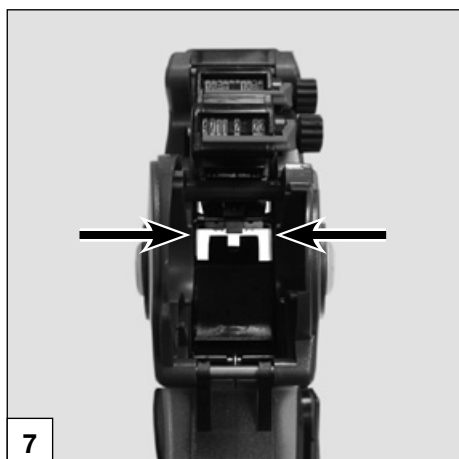


When changing the label roll it is possible that the hand comes into contact with the colour roll and will get dirty. We recommend you wear protective gloves when changing the ink roll.

- Open the label roll cover.
- Remove the rest of the old label roll.



- Open the lower cover.



- Loosen the beginning of the label roll from the reel.
- Tear off the label roll behind the point of adhesion.

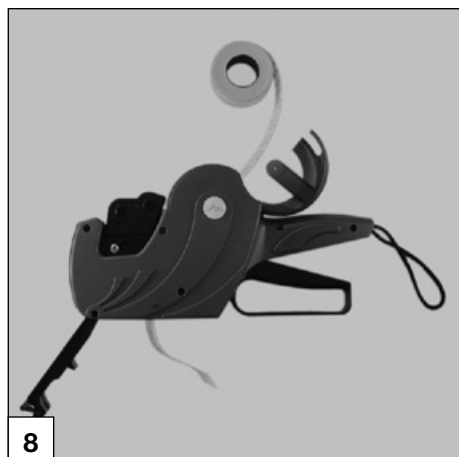


The point of adhesion at the beginning of the label roll is self-adhesive and sticky and, if left, can therefore cause the applicator to become sticky.

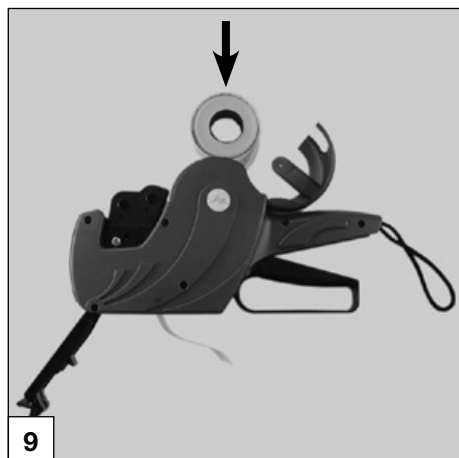
- Pull 10 labels from the roll.



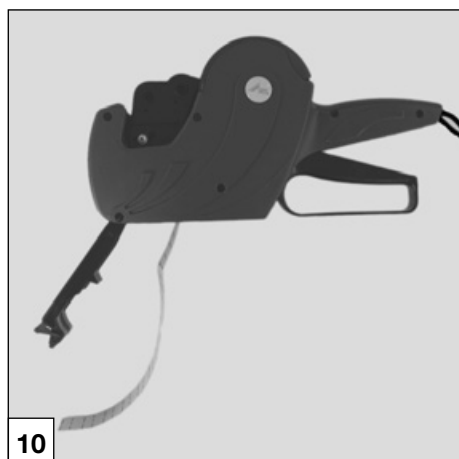
Unpeeling the first labels makes feeding the label roll easier. There are surplus labels on the roll to make up for this small loss.



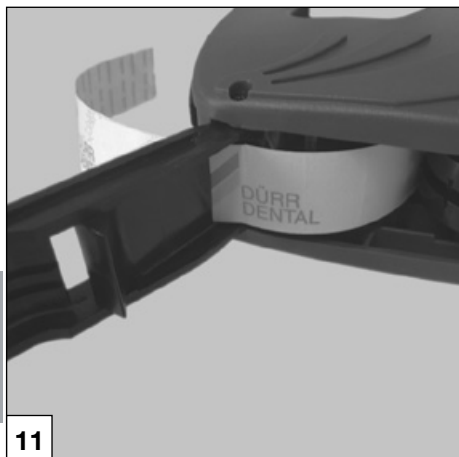
- Feed the label tape through the slot (see figs. 7 and 8).



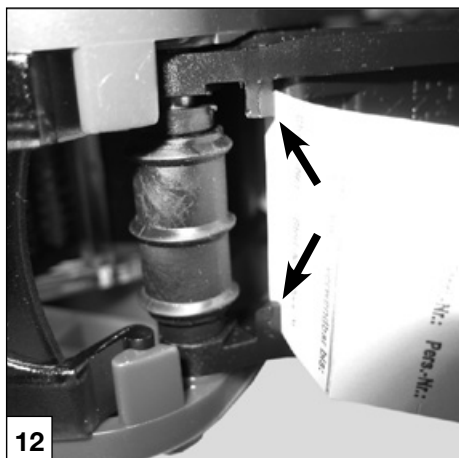
- Lay the roll securely into the appliance.



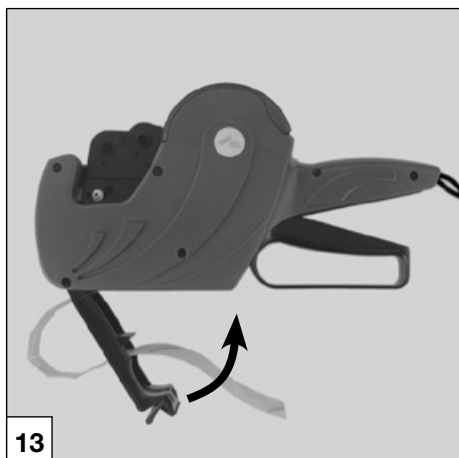
- Close the label roll cover.



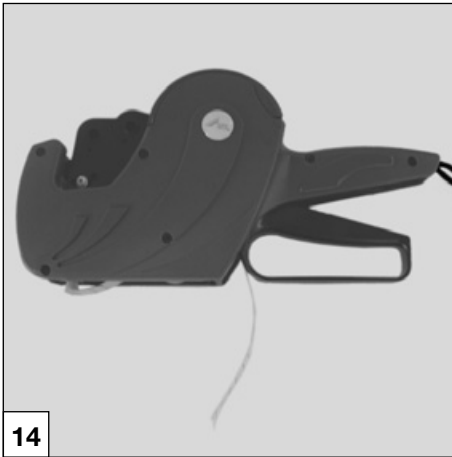
- Pull the label end through front slit in the lower cover.



- Pull the label roll through the slit as shown in fig. 12.

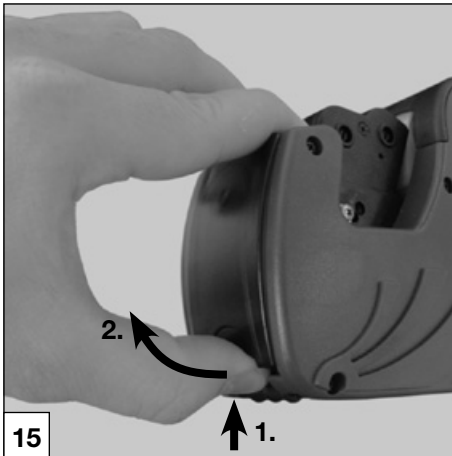


- Pull the label end through back slit in the lower cover and feed in the direction of the grips.



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- Close the lower cover.
- Keep squeezing and releasing the grips until the first correctly printed label appears.



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6.4 Changing the colour roll

Press the front cover together at the mouldings and lift.



When changing the ink roll it is possible that the hand comes into contact with it and will get dirty. We recommend you wear protective gloves when changing the ink roll.

- Lift the used ink roll in the arrow direction (fig. 15) and place new ink roll in position.
- Close the front cover.

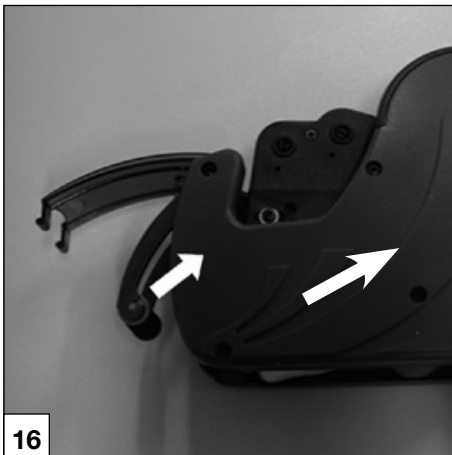
7. Disinfection and cleaning



Only use cleaning and disinfectant agents specifically approved by Dürrr Dental. Other disinfectants and cleaners could damage the appliance and the accessories.

We recommend the application of disinfection cloth, e.g. Dürrr FD 350.

Do not use a disinfectant spray, otherwise the ink on the roll will be dissolved.



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Troubleshooting

8. Tips for users

Problem	Probable cause	Solution
1. Part of the data is not printed.	<ul style="list-style-type: none">• The adjusting wheel was turned too far. A black letter is visible on a black background. This setting cannot be printed.	<ul style="list-style-type: none">• Turn the wheel further until a black character on a grey background can be seen.
2. Information on the label is printed in the wrong position.	<ul style="list-style-type: none">• The label roll has not been taken up by the carrier mechanism correctly.	<ul style="list-style-type: none">• Open the lower cover.• Pull the label roll out approx. half a label length.• Close the lower cover.• Keep squeezing and releasing the grips until the first correctly printed label appears.

DÜRR DENTAL SE
Höpfigheimer Str. 17
74321 Bietigheim-Bissingen
Germany
Fon: +49 7142 705-0
www.duerrdental.com
info@duerrdental.com

