

Ejection Press **APR 1** for Cast Ring Set 1



SERVICE MANUAL


Dear customer,

Thank you for choosing a product from the Wassermann range. Wassermann Dental-Maschinen incorporates the highest standards of quality and the latest technology. In order to enjoy maximum performance and years of trouble-free operation, please read this service manual carefully before you connect this device and start work, and operate the device according to the recommended guidelines. The operation safety and the functionality of this device can only be guaranteed if you follow both the general safety guidelines and the applying laws to prevent accidents as well as the precautions given in this service manual. We are not liable for any damages which occur due to inappropriate usage or faulty operation of this device.



Make sure that anyone using this device has read and understood this service manual.

Keep this service manual in a safe place where it can be referred to as required at any time.

 The unit complies with the relevant EU guidelines.

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1 Features

- robust ejection press for safe and clean results
- easy to operate - very little force required
- clean extraction thanks to even, centred pressure
- selectable lever position – vertical or at an angle
- easily accessible pads for different flask sizes set into housing
- precision die grips flask cleanly
- unit can be screwed to desk - wall mount available as an option

2 Safety Symbols used in this Manual



Warning!

This is a warning of risk situations and dangers.

Failure to observe this warning could be life-threatening. These warnings has to be observed.



Information!

This symbol draws your attention to specific features that has to be observed.

3 Safety Guidelines

Configuring and operating this equipment requires ***precise knowledge*** and ***observance*** of the instructions in this ***service manual***. The equipment is designed only for its intended application.



WARNING:

Servicing and repairs should be carried out only by authorised specialists.

4 Responsibility for Operation or Damage

The responsibility for operating the device lies exclusively with the owner or user if said device is incorrectly serviced, maintained or altered by persons not employed by an authorised dealer or if the device is used in a manner contrary to its specified purpose. The unit has to be maintained and operated in accordance with this service manual. Wassermann Dental-Maschinen GmbH is not responsible for damage arising from the **nonobservance** of these instructions.

Warranty and responsibility provisions contained in the sales and supply conditions of Wassermann Dental-Maschinen GmbH are not extended by these instructions.

5 Application

The APR1 is designed for extracting embedded materials and conserving the associated embedding tubes.

The APR-1 press is used for extracting embedded materials. The precision workmanship of the tube cage and the variety of thrust pads available, guarantee that different sizes of collar can be used and the tubes recycled. The individual choice of lever position is a further guarantee of trouble-free operation.

Only use the device for this type of application.

6 Before Starting

6.1 Transport

Before transporting the unit, ensure that it has been unplugged from the power socket. Make sure that it is packed correctly in order to avoid accidental damage.



Be sure to check for any transport damage when unpacking the goods. Note down any damage if found.

6.2 Installation

Open the box, remove the packing materials, and carefully lift out the device and accessories. Check the included accessories.

The device has to stand horizontally on a steady and even surface.

To simplify packing, the long lever and handle are supplied loose. You will find the handle to one side of carton. Simply screw it in up to the stop in the ratchet.

We would advise bolting the press to the bench using the holes on the left and right sides of the footplate.



Install the device in a place where it will not block the working area and the functionality (take the dimensions into account).



Do not install the unit outdoors or in places without proper ventilation.

Before start-up, be sure the device reaches room temperature.

6.3 Storage

If the unit is to be stored for an extended period, protect it from moisture and dust.

7 Installation/ Start-up

Configuring and operating this equipment requires **precise knowledge** and **observance** of the instructions in this **service manual**. The equipment is designed only for its intended application.

8 Operation

8.1 General Operating Instructions

All instructions for using the unit, whether in verbal or written form, are based on our own experience and experimentation and can only be regarded as guidelines.

9 Troubleshooting



Contact your dental depot or our service department.

10 Care and Maintenance

10.1 Cleaning



Disconnect the power plug before starting any maintenance work.

The identification plate has always to be kept in easily legible condition and has not to be removed.



Remove external dirt from time to time with some form of cold cleaner.

Use only cold cleaners to avoid damaging the paintwork or removing the lettering.

The equipment should be cleaned at regular intervals to ensure trouble-free operation. It requires only normal cleaning (sponge, damp cloth, mild detergent) and no further chemical additives.

10.2 Maintenance

Grease the toggle joint more frequently to ensure that the press continues to operate smoothly.

The unit does not require further servicing. Just make sure that the device is kept clean.

10.3 Warranty



The warranty period for our equipment is 12 months. If faults occur within the warranty period, contact your dental depot or get in touch directly with our service department.

Your press should only be operated in perfect condition. If faults occur which could harm operators or third parties, the unit should not be used until it has been fixed.

This warranty does not cover damage caused by improper use, external mechanical causes, transport damage or interference with the unit by unauthorized persons.

10.4 Spare Parts

If necessary please contact our service hotline phone.

10.5 Service Hotline 0049 (0)40 730 926 -20/ -24

10.6 Scope of Delivery/ Accessories

| Included parts | Item no. |
|--|----------|
| Cube for cast rings / cast flasks (DeguDent / Heraeus Kulzer) | 128006 |
| Pressure piece Ø 26 | 128020 |
| Pressure piece Ø 43 | 128011 |
| Pressure piece Ø 60 | 128010 |
| Pressure piece Ø 75 | 128009 |

| Accessories | Item no. |
|-------------|----------|
| Wall mount | 128100 |

10.7 Repairs



Servicing or repairs to the unit has only to be carried out by qualified technicians. Only original spare parts are to be used. Responsibility for the product is voided if unauthorised persons alter it or if inappropriate components are installed.

11 Technical Data

| APR-1 | Item no.: 128999 |
|--------------------------|--------------------------|
| W x H/H incl. handle x D | 160 x 380 / 670 x 160 mm |
| Weight | 13.8 kg |
| H with grip | 670 mm |
| Cube size | 97 x 97 x 97 mm |



Technical changes reserved.

12 EU Declaration of Conformity

in accordance with 2006/42/EC (Machinery Directive)

| | | | |
|-----------------------|--|----------------------|--|
| Manufacturer: | W A S S E R M A N N Dental-Maschinen GmbH Rudorffweg 15-17 21031 Hamburg Germany | Product description: | Ejection Press for dental applications |
| Model: | APR-1 | Item no. | 128999 |
| Applicable standards: | DIN EN ISO 12100 | | |

Hiermit wird bestätigt, dass die oben bezeichnete Maschine den genannten EU-Richtlinien entspricht. Diese Erklärung wird ungültig, falls die Maschine ohne unsere Zustimmung verändert wird.

This is to confirm that the above mentioned machine complies with the described EU guidelines. This declaration becomes invalid if the machine is modified without our approval.

Cette machine est conforme aux normes en vigueur d'Union européenne. Cet avis est nul et non avenant si cette machine est modifiée sans notre accord.

Esta máquina, anteriormente mencionada, cumple con los límites requeridos por el reglamento UE. Ahora bien, esta declaración quedará invalidada en caso de realizar modificaciones al aparato sin nuestra aprobación.

Hiermee wordt bevestigd dat bovengenoemde machine voldoet aan de voorgeschreven EU normen. Deze verklaring verliest geldigheid als er zonder onze uitdrukkelijke toestemming wijzigen aan de machine worden aangebracht.

Place, date: Hamburg, 2020-02-28

Company stamp :

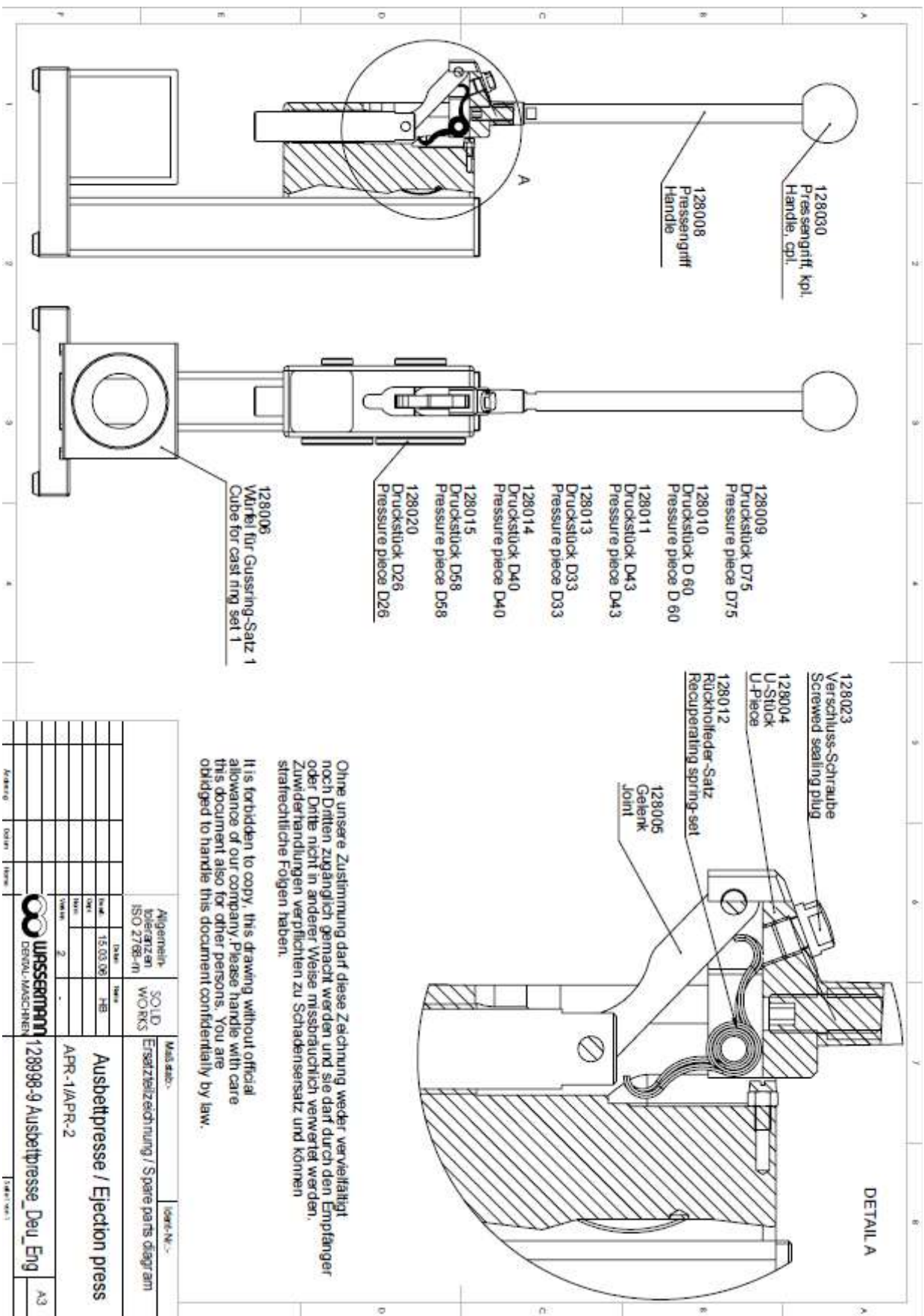


Signature: _____
Sven Wassermann
(Managing Director)



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Rudorffweg 15-17 · 21031 Hamburg

13 Spare Part Diagram



Ohne unsere Zustimmung darf diese Zeichnung weder vervielfältigt noch Dritten zugänglich gemacht werden und sie darf durch den Empfänger oder Dritte nicht in anderer Weise missbräuchlich verwendet werden. Zuwiderhandlungen verpflichten zu Schadensersatz und können strafrechtliche Folgen haben.

It is forbidden to copy, this drawing without official allowance of our company. Please handle with care this document also for other persons. You are obliged to handle this document confidentially by law.

| | | | | | | | |
|---------------------------------------|----------|----------------|--|---|--|-------------|----|
| Allgemein tolerieren ISO 2768-m | | SO.LD WORKS | | Mus. stat. | | Sonder-Nr.: | |
| Form | 15.03.06 | HB | | Ersatzteilzeichnung / Spare parts diagram | | | |
| Blatt | 2 | | | Ausbettpresse / Ejection press | | | |
| APR-1/APR-2 | | | | APR-1/APR-2 | | | |
| WASSERMANN DRUCKMASCHINEN | | | | 128998-9 Ausbettresse_Deu_Eng | | | |
| | | | | | | | A3 |



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