

Vertical Needle Holder

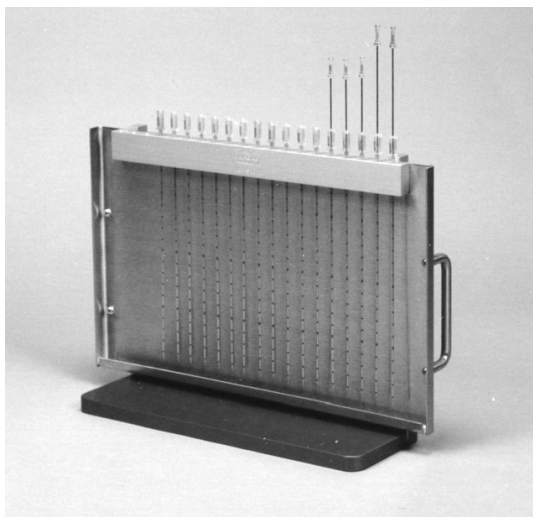


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General Precautions

- ⚠ CAUTION: Proper use of this device depends on careful reading of all instructions and labels.
- ⚠ CAUTION: Steam Sterilize (autoclave) or ETO sterilize only. Do not gamma ray sterilize.
- ⚠ WARNING: After steam sterilization, unit will be hot. Allow adequate cooling time before handling. Do not drop or mishandle unit.
- ⚠ WARNING: For use with gamma and x-ray emitting LDR radiation sources only.

Description

The Standard Imaging Needle Holder and Stand provide a convenient method for loading needles. The Vertical Needle Holder can be conveniently placed behind the Needle Loading Shield for increased radiation protection.

Operation

Assembling the Stand

1. Insert the stainless steel support into the base so that the curved lip faces in the direction of Fig. 1.
2. Use the provided allen key wrench to tighten the three screws in the base.

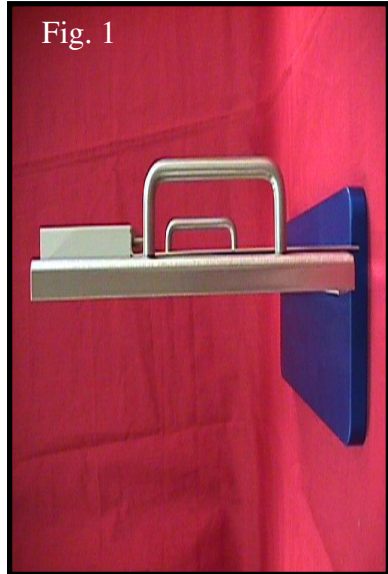
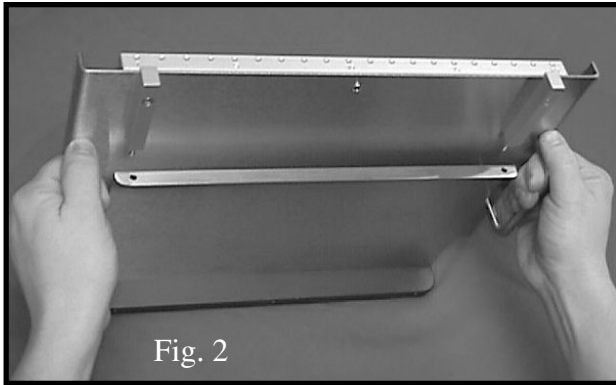


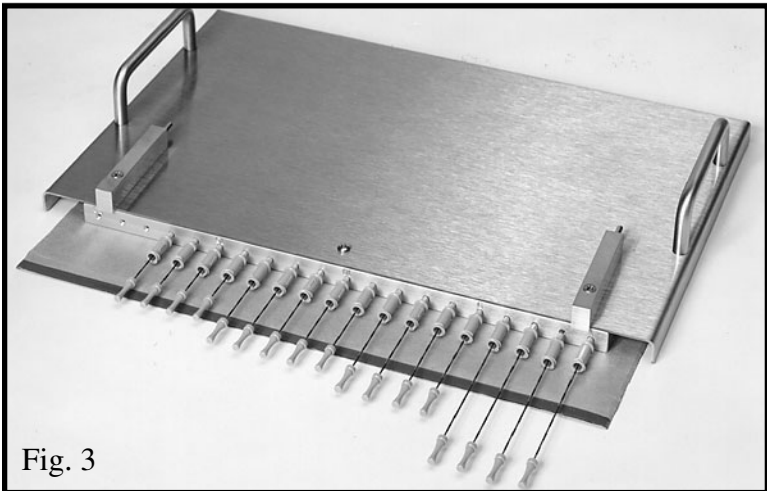
Fig. 1

Using the Needle Holder

1. Secure the Needle Holder to the Stand as shown in Fig 2.
2. Sterilize the unit following the recommendations of the sterilization equipment manufacturer or the healthcare facility. Users should validate the sterilization procedure.
3. Place up to 20 implant needles in the Needle Holder for loading.



4. Load the needles as required. At this point the needles may be placed in the Needle Cradle™ for safe transport and storage. If an autoradiograph is to be made, remove the Needle Holder from the Stand and follow Steps 5 and 6.
5. Place the Needle Holder on autoradiographic film to prepare an image of the loaded seeds as in Fig 3.



6. Wait 60 - 90 seconds for a typical exposure time and process the film.

Customer Responsibility

⚠ Federal law in the U.S.A. and Canada restricts the sale, distribution or use of this device to, by or on the order of a licensed medical practitioner. The use of this device should be restricted to the supervision of a qualified medical physicist. Handling of radioactive sources is potentially hazardous and should be performed by qualified personnel. Should repair or replacement of this device become necessary after the warranty period, the customer should seek advice from Standard Imaging Inc. prior to such repair or replacement. If this device is in need of repair, it should not be used until all repairs have been made and the product is functioning properly and ready for use. The owner of this device has sole responsibility for any malfunction resulting from abuse, improper use or maintenance, or repair by anyone other than Standard Imaging Inc. The information in this manual is subject to change without notice. No part of this manual may be copied or reproduced in any form, or by any means, without prior written consent of Standard Imaging Inc.

Maintenance

As is standard practice, it is recommended that the Stand be examined after each use for deterioration. To remove any dirt, use a cloth slightly dampened with a solution of mild detergent and water or a liquid disinfecting agent.

Service

There are no serviceable parts on the stand.

Parts and Accessories List

REF	Description
90073	Vertical Needle Holder (inc. 72008)
80199	Instruction Manual
72008	Needle Holder (removable jig)

Features and Specifications

Width	11.4 cm (4.5 in.)
Height	34.3 cm (13.4 in.)
Base	23.4 cm (9.2 in.)
Weight	3.0 kg (6.6 lbs)

Specifications subject to change without notice.

Warranty

This product is sold by Standard Imaging Inc. under the warranty herein set forth. The warranty is extended only to the buyer purchasing the product directly from Standard Imaging Inc. or as a new product from an authorized dealer or distributor of Standard Imaging Inc.

For a period of twelve (12) months from the date of original delivery to the purchaser or a distributor, this product is warranted against functional defects in materials and workmanship, provided it is properly operated under conditions of normal use, and that repairs and replacements are made in accordance herewith. The foregoing warranty shall not apply if the product has been disassembled, altered or repaired other than by Standard Imaging Inc. or if the product has been subject to abuse, misuse, negligence or accident.

Standard Imaging's sole and exclusive obligation and the purchaser's sole and exclusive remedy under the above warranties are limited to repairing or replacing free of charge, at Standard Imaging's option, a product: (1) which contains a defect covered by the above warranties; (2) which are reported to Standard Imaging not later than seven (7) days after the expiration date of the 12-month warranty period; (3) which are returned to Standard Imaging promptly after discovery of the defect; and (4) which are found to be defective upon Standard Imaging's examination. Transportation charges are the buyer's responsibility. STANDARD IMAGING INC. SHALL NOT BE OTHERWISE LIABLE FOR ANY DAMAGES, INCLUDING BUT NOT LIMITED TO, INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, OR SPECIAL DAMAGES.

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