TF50 Trial Frame

Instructions for Use



Reichert®
AMETEK®

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Caution: Federal law restricts this device to sale by or on the order of a licensed practitioner. Rx only.

Warnings and Cautions

Reichert Technologies® (Reichert®) is not responsible for the safety and reliability of this instrument when unauthorized dealers or persons assemble, disassemble, repair, or modify the instrument, or when a person does not use the instrument in accordance with this User's Guide.

WARNING: AN INSTRUCTION THAT DRAWS ATTENTION TO THE RISK OF INJURY OR DEATH.

WARNING: UNITED STATES FEDERAL LAW AND EUROPEAN REGULATIONS REQUIRE THAT ONLY A LICENSED PRACTITIONER OR A PERSON ACTING ON BEHALF OF A LICENSED PRACTITIONER PURCHASE THIS DEVICE.

WARNING: THE OPERATOR OF THIS INSTRUMENT SHOULD USE IT IN STRICT ACCORDANCE WITH THE INSTRUCTIONS OUTLINED IN THIS USER'S GUIDE. REICHERT TECHNOLOGIES CANNOT GUARANTEE THE SAFETY OF THE OPERATOR AND THE PERFORMANCE OF THE INSTRUMENT IF THE OPERATOR USES THE INSTRUMENT IN A MANNER NOT SPECIFIED BY REICHERT TECHNOLOGIES.

WARNING: NO PERSON IS ALLOWED TO MODIFY THIS INSTRUMENT. REICHERT MUST AUTHORIZE ANY MODIFICATION TO THIS UNIT TO ENSURE CORRECT OPERATION.

CAUTION: AN INSTRUCTION THAT DRAWS ATTENTION TO THE RISK OF DAMAGE TO THE PRODUCT.

CAUTION: DO NOT USE SOLVENTS OR STRONG CLEANING SOLUTIONS ON ANY PART OF THIS INSTRUMENT OR DAMAGE TO THE UNIT MAY OCCUR.

Symbol Information

REF	Catalog Number
SN	Serial Number
YYYY-MM-DD	Date of Manufacture
	Accompanying Documents must be consulted
	Fragile Contents in Shipping Container - handle with care
	Keep Dry - Package shall be kept away from rain

Introduction

Congratulations on your purchase of the Reichert Technologies® TF50 Trial Frame.

Please retain this guide for future reference and to share with other users. For additional copies of this manual or questions related to this device, contact your local authorized Reichert dealer, or contact our Customer Service department directly:

Tel: 716-686-4500
Fax: 716-686-4555
Email: reichert.information@ametek.com

Indications for Use

The TF50 Trial Frame is designed for use with our Trial Lens Set and is meant to aid in determination of spectacle prescription.

Contraindications

None known.

Parts Identification



1. Vertical Nosepiece Adjustment Knob
2. Temple Angle Adjustment Knob
3. Cylinder Axis Adjustment Knob
4. Horizontal Nosepiece Adjustment Knob
5. Temple Length Adjustment Knob
6. PD Adjustment Knob
7. Cylinder Axis Lock Knob

Instruction for Use

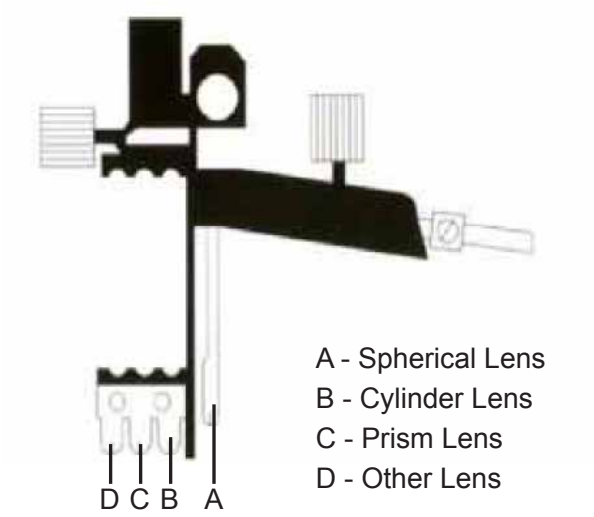
Adjustments

It is important to adjust the frame to properly fit each individual patient. Adjust the various parts of the TF50 Trial Frame by following the steps below.

1. Adjust the PD by turning the PD Adjustment Knobs. The PD can be adjusted from 48-80mm.
2. Adjust the height of the nosepiece by turning the Vertical Nosepiece Adjustment Knob.
3. Adjust the position of the nosepiece by turning the Horizontal Nosepiece Adjustment Knob.
4. Adjust the angle of the temples by turning the Temple Angle Adjustment Knobs.
5. Adjust the length of the temples by turning the Temple Length Adjustment Knobs.

Operation

The TF50 Trial Frame was designed to work with the Trial Lens Set. Lenses should be placed in the TF50 Trial Frame according to the diagram below.



To adjust the cylinder axis, rotate the Cylinder Axis Adjustment Knobs.

Cleaning & Maintenance

When cleaning the Trial Frame, use one of the following approved cleaning solutions:

- Soap and Water
- 70% Isopropyl Alcohol

Proper maintenance requires cleaning the product at least once every two months. Do not scratch the lenses in use. Wipe the lenses and frame with a soft cleaning cloth moistened with an approved cleaning solution. When storing the TF50 Trial Frame, keep it dry and ventilated. Avoid moisture.

Specifications

REF 15010

Physical Dimensions:

L (mm)	H (mm)	W (mm)	Weight (g)
175.0	82.0	172.0	90.0

Length of Right or Left Temple Adjustment	98mm - 135mm
PD Adjustment	48 - 80mm (Calibrated 24 - 40mm each side, 1mm steps)
Range of Nose Pad Adjustment	14mm
Prominent Nose Angle Adjustment	0° - 30°
Frame Angle Adjustment	Up to 15°
Opening and Closing Angle of the Frame	0° - 105° (with right and left)

Environmental

Operating environmental conditions are as follows:

Temperature: 10° to 35° C (50° to 95° F)

Relative Air Humidity: 30 to 90%

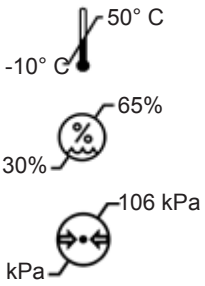
Air Pressure: 80 kPa to 106 kPa

Transportation and Storage:

Temperature: -10° to 50° C (23° to 113° F)

Relative Air Humidity: 30 to 65%

Air Pressure: 50 kPa to 106 kPa



Disposal

Dispose of the Trial Frame in accordance with local regulations.

Warranty

This product is warranted by Reichert, Inc. against defective material and workmanship under normal use for a period of one year from the date of invoice to the original purchaser. (An authorized dealer shall not be considered an original purchaser). Under this warranty, Reichert's sole obligation is to repair or replace the defective part or product at Reichert's discretion.

This warranty applies to new products and does not apply to a product that has been tampered with, altered in any way, misused, damaged by accident or negligence, or which has had the serial number removed, altered or effaced. Nor shall this warranty be extended to a product installed or operated in a manner not in accordance with the applicable Reichert instruction manual, nor to a product which has been sold, serviced, installed or repaired other than by a Reichert factory, Technical Service Center, or authorized Reichert Dealer.

Lamps, bulbs, charts, cards and other expendable items are not covered by this warranty.

All claims under this warranty must be in writing and directed to the Reichert factory, Technical Service Center, or authorized instrument dealer making the original sale and must be accompanied by a copy of the purchaser's invoice.

This warranty is in lieu of all other warranties implied or expressed. All implied warranties of merchantability or fitness for a particular use are hereby disclaimed. No representative or other person is authorized to make any other obligations for Reichert. Reichert shall not be liable for any special, incidental, or consequent damages for any negligence, breach of warranty, strict liability or any other damages resulting from or relating to design, manufacture, sale, use or handling of the product.

PATENT WARRANTY
If notified promptly in writing of any action brought against the purchaser based on a claim that the instrument infringes a U.S. Patent, Reichert will defend such action at its expense and will pay costs and damages awarded in any such action, provided that Reichert shall have sole control of the defense of any such action with information and assistance (at Reichert's expense) for such defense, and of all negotiation for the settlement and compromise thereof.

PRODUCT CHANGES
Reichert reserves the right to make changes in design or to make additions to or improvements in its products without obligation to add such to products previously manufactured.



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