

Installation Instruction Manual

Models 320210, 320220, 320230, 320240

# Ergonomic Tabletop

Look closer. See further.





## SERIAL NUMBER

---

For your future reference, mark the serial number in the space provided.

**Haag-Streit USA Inc.**

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**MADE IN USA**

QUALITY MANAGEMENT  
SYSTEM  
REGISTERED TO  
ISO 13485:2016

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## IMPORTANT INFORMATION

### A. SAFETY SYMBOLS DEFINITIONS

Whenever you see the symbols shown below, heed their instructions! Always follow safe operating and maintenance practices.



**“DANGER”**: THE DANGER SYMBOL IDENTIFIES SPECIAL INSTRUCTIONS OR PROCEDURES WHICH, IF NOT CORRECTLY FOLLOWED, COULD RESULT IN LOSS OF LIFE OR PERSONAL INJURY.



**« DANGER »** - LE SYMBOLE DANGER IDENTIFIE DES INSTRUCTIONS OU PROCÉDURES SPÉCIALES QUI, SI ELLES NE SONT PAS SUIVIES CORRECTEMENT, POURRAIENT CAUSER UNE PERTE DE VIE OU UNE BLESSURE.



**“WARNING”**: THE WARNING SYMBOL IDENTIFIES SPECIAL INSTRUCTIONS OR PROCEDURES WHICH, IF NOT CORRECTLY FOLLOWED, COULD RESULT IN PERSONAL INJURY.



**« AVERTISSEMENT »** - LE SYMBOLE AVERTISSEMENT IDENTIFIE DES INSTRUCTIONS OU PROCÉDURES SPÉCIALES QUI, SI ELLES NE SONT PAS SUIVIES CORRECTEMENT, POURRAIENT CAUSER UNE BLESSURE.



**“CAUTION”**: This caution symbol identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of equipment.



**« PRÉCAUTION »** - Ce symbole de précaution identifie des instructions ou procédures spéciales qui, si elles ne sont pas strictement suivies, pourraient causer un dommage ou la destruction de l'équipement.

**“NOTE”**- Note indicates points of particular or additional information.



**« REMARQUE »** - Remarque indique des points d'intérêt particulier ou des renseignements additionnels.



Refer to Instruction Manual/  
Booklet

## B. TRANSPORTATION / STORAGE CONDITIONS

Temperature: Operating: 59 to 104° F

15 to 40° C

Storage: -22 to +140° F

-30 to +60° C

Relative Humidity: Operating: 5%RH to 95%RH  
without condensation

Storage: 10%RH to 100%RH,  
including condensation

Atmospheric Pressure: Operating: 700hPa - 1060hPa

Storage: 500hPa - 1060hPa

## TECHNICAL SPECIFICATIONS

### Ergonomic Tabletop Product Rating

This equipment is rated Class I	
Equipment	Model
Ergonomic Tabletop	320210
Class I	

This equipment is rated Class I	
Equipment	Model
Ergonomic Tabletop	320220
Class I	

This equipment is rated Class I	
Equipment	Model
Ergonomic Tabletop	320230
Class I	

This equipment is rated Class I	
Equipment	Model
Ergonomic Tabletop	320240
Class I	


## 1. INTRODUCTION


1.1. This Installation and Operating Instruction contains information applicable only to the Reliance® Ergonomic Tabletop Models 320210, 320220, 320230, 320240.


1.2. Should your product not perform properly, or if you have any questions concerning the use and care of any Haag-Streit product, contact the Haag-Streit Distributor, where you purchased this product or contact the Technical Service Department, Inc., 3535 Kings Mills Road, Mason, Ohio 45040-2303, or call (800) 787-5426.

1.3 Recognized Accessories: Recognized medical devices:


- Haag-Streit BI, BM, BP BQ Slit Lamps


 **WARNING: HAAG-STREIT BX SLIT LAMP IS NOT ONE OF THE RECOGNIZED MEDICAL DEVICES AND SHOULD NOT BE USED WITH THIS TABLETOP.**


 **AVERTISSEMENT : LA LAMPE À FENTE HAAG-STREIT BX NE FAIT PAS PARTIE DES DISPOSITIFS MÉDICAUX RECONNUS ET NE DOIT PAS ÊTRE UTILISÉE AVEC CE PLATEAU DE TABLE.**


 **NOTE:** Always have the model number and serial number available before contacting Haag-Streit or your authorized Haag-Streit Distributor.


**REMARQUE :** Ayez toujours le numéro de modèle et le numéro de série à portée de la main avant de contacter Haag-Streit ou votre distributeur Haag-Streit autorisé.


 **WARNING: TO AVOID PERSONAL INJURY OR DAMAGE TO THE EQUIPMENT, ONLY TRAINED/QUALIFIED PERSONNEL WHO HAVE READ THIS MANUAL SHOULD OPERATE THIS EQUIPMENT. OPERATION BY UNAUTHORIZED USERS SHOULD BE PREVENTED.**

 **AVERTISSEMENT : POUR ÉVITER UNE BLESSURE OU UN DOMMAGE À L'ÉQUIPEMENT, SEUL DU PERSONNEL ENTRAÎNÉ/QUALIFIÉ QUI A LU CE MANUEL DEVRAIT FAIRE FONCTIONNER CET ÉQUIPEMENT. LE FONCTIONNEMENT PAR DES UTILISATEURS NON AUTORISÉS DEVRAIT ÊTRE ÉVITÉ.**

 **WARNING: TO AVOID PERSONAL INJURY OR DAMAGE TO THE EQUIPMENT, ONLY AUTHORIZED RELIANCE® DISTRIBUTORS SHOULD INSTALL OR MOVE THE EQUIPMENT.**

 **AVERTISSEMENT : POUR ÉVITER UNE BLESSURE OU UN DOMMAGE À L'ÉQUIPEMENT, SEULS LES DISTRIBUTEURS RELIANCE® AUTORISÉS DEVRAIENT INSTALLER OU DÉPLACER L'ÉQUIPEMENT.**

 **WARNING: TO AVOID PERSONAL INJURY OR DAMAGE TO THE EQUIPMENT, CALL YOUR AUTHORIZED RELIANCE® DISTRIBUTOR OR THE TECHNICAL SERVICE DEPARTMENT IF ANY PART OF THE EQUIPMENT FAILS. ONGOING USE OF MALFUNCTIONING EQUIPMENT IS NOT RECOMMENDED.**

 **AVERTISSEMENT : POUR ÉVITER UNE BLESSURE OU UN DOMMAGE À L'ÉQUIPEMENT, APPELÉZ VOTRE DISTRIBUTEUR RELIANCE® AUTORISÉ OU LES SERVICES TECHNIQUES SI UNE PARTIE QUELCONQUE DE L'ÉQUIPEMENT TOMBE EN PANNE. L'UTILISATION CONTINUE D'UN ÉQUIPEMENT DÉFAILLANT N'EST PAS RECOMMANDÉE.**

 **WARNING: TO AVOID PERSONAL INJURY OR DAMAGE TO THE EQUIPMENT, DO NOT PLACE EXCESSIVE WEIGHT ON THE TABLETOP.**

 **AVERTISSEMENT : POUR ÉVITER DES BLESSURES OU DES DOMMAGES À L'ÉQUIPEMENT, NE PLACEZ PAS DE POIDS EXCESSIF SUR LE PLATEAU DE LA TABLE.**

## 2. INSTALLATION FOR TABLETOP W/RHEOSTAT (320210, 320230)

### 2.1. Unpacking

2.1.1 Remove all external shipping tapes and wrappings. Remove the Ergonomic Tabletop from the carton. Turn the tabletop upside down on a flat smooth surface for assembly.

### 2.2. Attaching the Blank

2.2.1 Locate and remove the Bottom Blank Plate from Installation Packet. Determine which side of the Ergonomic Tabletop that the Bottom Blank Plate is going to be attached. Use a No.2 Phillip Head screwdriver and the (4) #8 wood screws that's in Installation Packet and attach using the pre-drilled holes. (See Figure 2)


### 2.3. Attaching the Power Supply


2.3.1 Locate the Power Supply for the Slit Lamp and use a No.2 Phillip Head screwdriver to attach it on the opposite side of the Bottom Blank Plate using the pre-drilled holes and the (4) #8 wood screws that's in Installation Packet (See Figure 2) Make sure that the ON/OFF button is facing the outside of the Ergonomic Tabletop. (See Figure 3)

TIP: Add cable ties before attaching Power Supply.

### 2.4. Attaching the Power Cord

2.4.1 Remove the Power Cord from the Installation Packet. Route the C13 end of the cord and plug it into the Power Supply. (See Figure 4) Remove the Outlet Cover off the Slit Lamp Arm if required. (See the 7900 Manual for details). Plug in the 5-15P end of the Power Cord and replace the cover if necessary. (See Figure 3) Bundle the cable using holes and cables ties that are provided. (See Figure 2)

 **CAUTION: The power supply cord should not be connected to the power supply during the installation process.**

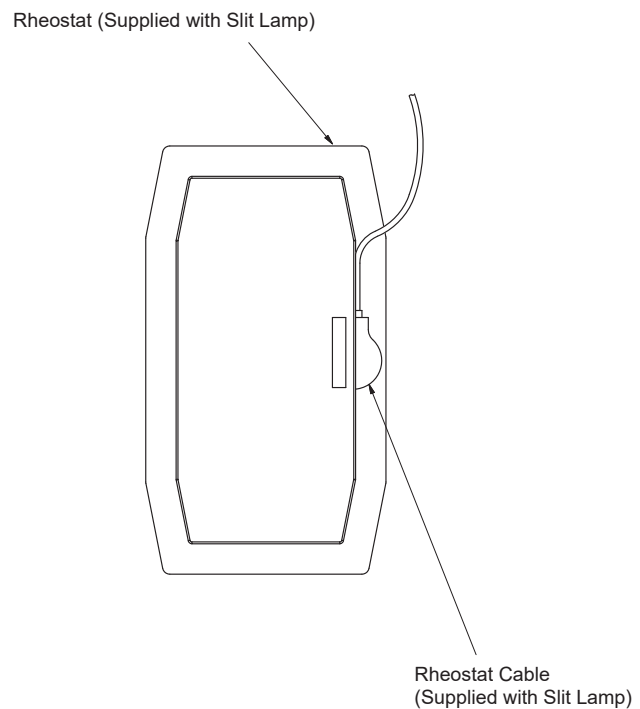
 **PRÉCAUTION : Le cordon d'alimentation ne devrait pas être connecté au bloc d'alimentation durant le processus d'installation.**

### 2.5. Attaching the Rheostat

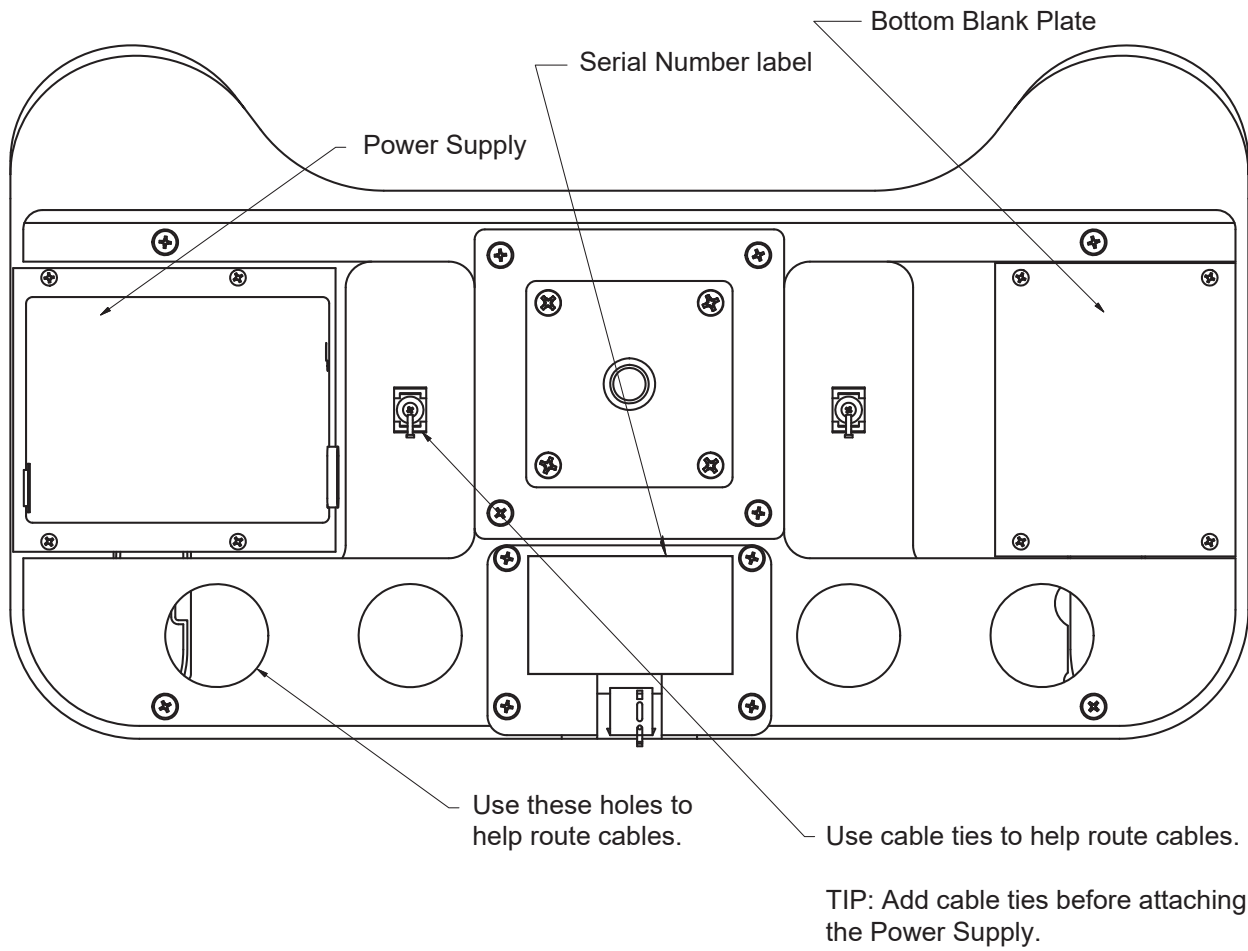
2.5.1 Locate the Rheostat that comes with the Slit Lamp. Plug the Rheostat Cable into the Rheostat then peel the adhesive protection from the back. (The Rheostat Cable is supplied with the Rheostat - See Figure 1) Determine which side to attach the Rheostat to the Ergonomic Tabletop. Place the Rheostat in the cutout. Route the cable and plug the cable into the Power Supply. Use the holes and

cable ties to help route the cable. (See Figure 2) Locate the Rheostat Blank Cover that is also supplied, peel the adhesive protection from the back of the Blank Cover and attach it to the other cutout on the opposite side of the Ergonomic Tabletop. (See Figure 3)

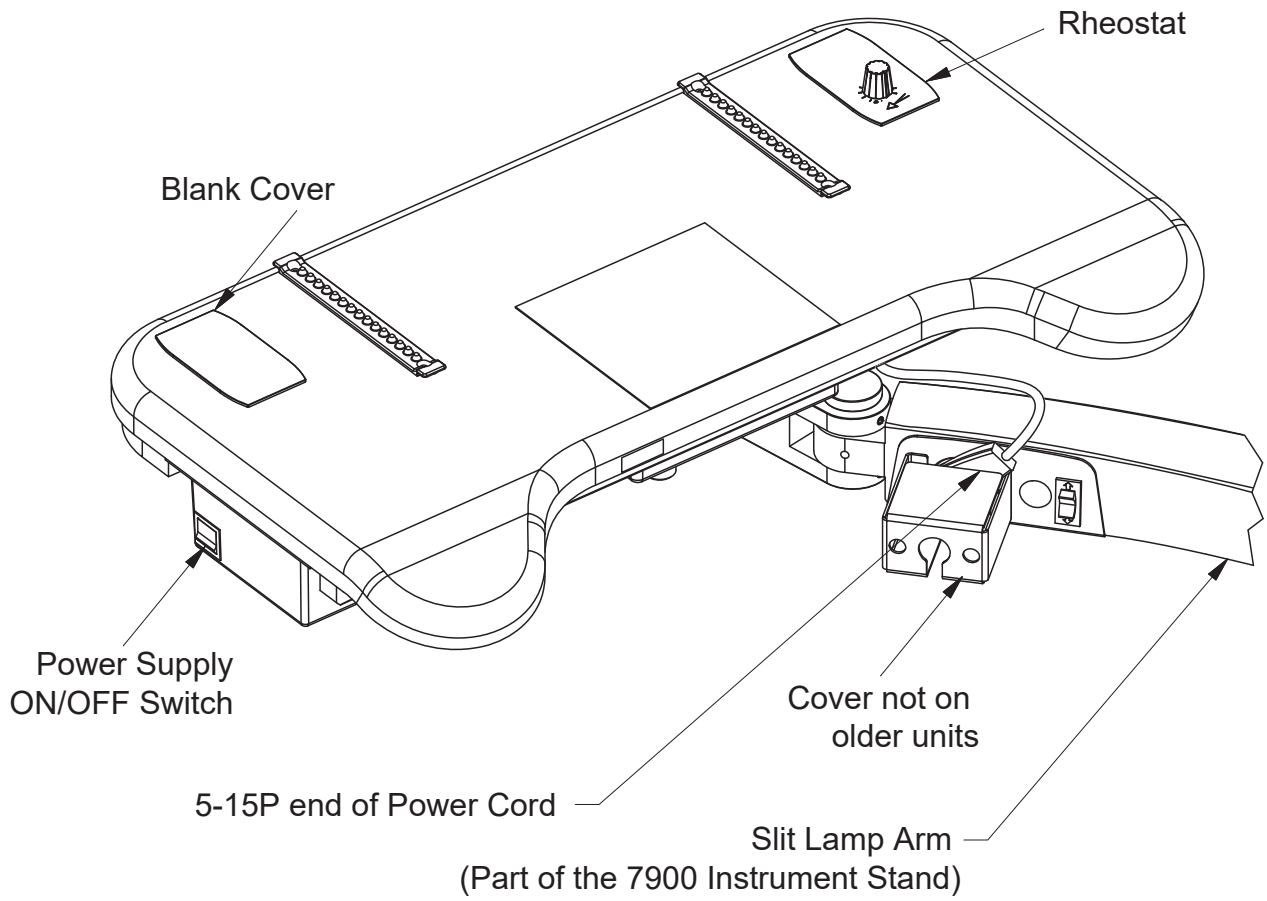
2.5.2 Place the Ergonomic Tabletop onto the Slit lamp Arm on the 7900 Instrument Stand. (See Figure 3)



**FIGURE 1**  
**Bottom View Of Rheostat Before Being Installed**  
**(Shown w/ Plug orientation on Rheostat)**



**FIGURE 2**  
**Bottom View of Tabletop After Installation**  
**(Shown w/ Power Supply on Left)**



**FIGURE 3**  
**Top View Of Ergonomic Tabletop (Shown Installed on Slit Lamp Arm)**  
**(Shown w/ Power Supply on Left & Rheostat on Right)**



### 3. INSTALLATION FOR TABLETOP FOR IMAGING (320220, 320240)

3.1 Remove all external shipping tapes and wrappings. Remove the Ergonomic Tabletop from the carton.

3.2 Place the Ergonomic Tabletop onto the Slit lamp Arm on the 7900 Instrument Stand. (See Figure 3)

### 4. EXCHANGING TABLETOPS W/RHEOSTAT

#### 4.1 Moving Power Supply

4.1.1 Remove all external shipping tapes and wrappings. Remove the Ergonomic Tabletop from the carton.

4.1.2 Unplug and remove the old tabletop from the 7900 Instrument Stand. Turn the tabletop upside down on a flat surface. Remove the Power Supply by removing the 4 screws that's holding them in place using a No.2 Phillip Head screwdriver. Take the new Ergonomic Tabletop, turn it upside down on a flat surface and attach the forementioned Power Supply to the same side that it was removed from using the same 4 screws. Locate and remove the Bottom Blank Plate from the Installation Packet. Attach the Bottom Blank Plate on the opposite side of the Power Supply using the pre-drilled holes and the 4 #8 X 1" wood screws provided in Installation Packet. (See Figure 2)

#### 4.2. Attaching the Rheostat when exchanging tabletops

4.2.1 Locate the new Rheostat. Plug the Rheostat Cable into the Rheostat then peel the adhesive protection from the back. (The cable is supplied with the Rheostat) (See Figure 1) Attach the Rheostat in the cutout on same side of the Ergonomic Tabletop that it was on the old tabletop. Route the cable and then plug the cable into the Power Supply. Use the holes and cable ties to help route the cable. Locate the Rheostat Blank that is also supplied, peel the adhesive protection from the back of the Blank and attach it to the opposite side. (See Figure 3)



**Note:** When replacing the tabletop, a new Power Supply is not needed.

**REMARQUE :** Lors du remplacement de la table, une nouvelle alimentation n'est pas nécessaire.



**Note:** Once the Ergonomic Tabletop is assembled place it on the Slit Lamp Arm on the 7900 Instrument Stand.

**REMARQUE :** Une fois le plateau ergonomique assemblé, placez-le sur le bras de lampe à fente du support d'instruments 7900.

## CLEANING AND MAINTENANCE/REPAIR


### Cleaning Painted Surfaces


Painted metal surfaces are covered with a durable powder coat paint which is resistant to scratching and scuffing. All painted surfaces may be cleaned with a clean cloth dampened with mild, soapy water or equivalent household spray cleaner.


### Recommended Infection Control Products


The following Infection Control Products have been tested on the equipment and will not cause damage to painted surfaces or plastic covers:


- Cavicide® Hospital Disinfectant
- Precise® Hospital Foam Cleaner Disinfectant


 **WARNING: REFER TO LOCAL OR HEALTHCARE PROFESSION GUIDELINES FOR SELECTING EFFECTIVE INFECTION CONTROL PRODUCTS.**


 **AVERTISSEMENT : SE RÉFÉRER AUX DIRECTIVES LOCALES OU DES PROFESSIONS DE LA SANTÉ POUR SÉLECTIONNER DES PRODUITS DE CONTRÔLE D'INFECTION EFFICACES.**


 **CAUTION: Follow manufacturer's directions for concentration and application of disinfecting cleaner. Avoid proed application of any disinfectant/cleaner products, because they may cause staining or discoloration of material..**


 **PRÉCAUTION : Suivez les instructions du fabricant pour la concentration et l'application de nettoyeurs désinfectants. Évitez une application proée de tout produit désinfectant/nettoyant, parce que ceux-ci pourraient causer des taches ou une décoloration du matériel.**


 **Note:** Equipment should be cleaned as needed or per local or healthcare profession guidelines.


 **REMARQUE :** L'équipement devrait être nettoyé au besoin ou selon les directives locales ou celles des professions de la santé.

 **CAUTION: To avoid environmental hazards when equipment has reached the end of its useful life, dispose of equipment per local regulations.**


 **PRÉCAUTION : Pour éviter les risques environnementaux lorsque l'équipement a atteint la fin de sa vie utile, disposez de l'équipement selon les réglementations locales.**


 **WARNING: TO AVOID BIOLOGICAL HAZARDS WHEN EQUIPMENT HAS REACHED THE END OF ITS USEFUL LIFE, DISPOSE OF EQUIPMENT PER LOCAL REGULATIONS OR HEALTHCARE PROFESSION GUIDELINES.**

 **AVERTISSEMENT : POUR ÉVITER LES RISQUES BIOLOGIQUES LORSQUE L'ÉQUIPEMENT A ATTEINT LA FIN DE SA VIE UTILE, DISPOSEZ DE L'ÉQUIPEMENT SELON LES RÉGLEMENTATIONS LOCALES OU LES DIRECTIVES DES PROFESSIONS DE LA SANTÉ.**

 **WARNING: BEFORE THE UNIT IS SERVICED DISCONNECT EQUIPMENT FROM MAIN INPUT POWER.**

 **AVERTISSEMENT: AVANT QUE L'UNITÉ NE SOIT ENTRETENUE, DÉBRANCHEZ L'ÉQUIPEMENT DE L'ALIMENTATION D'ENTRÉE PRINCIPALE.**

 **Note:** To ensure a long service life, the device should be cleaned as described. It is also recommend having the device inspected by an authorized service technician annually.

 **REMARQUE :** Pour assurer une longue durée de vie, l'appareil doit être nettoyé comme décrit. Il est également recommandé de faire inspecter l'appareil par un technicien d'entretien autorisé chaque année.

 **Note:** For repair, contact the Technical Service Department, Haag-Streit USA, 3535 Kings Mills Road, Mason, Ohio 45040-2303, or call (800) 787-5426.

 **REMARQUE :** Pour la réparation, contactez le département de service technique, Haag-Streit USA, 3535 Kings Mills Road, Mason, Ohio 45040-2303, or call (800) 787-5426.

**PARTS LIST  
RELIANCE® MODEL  
ERGONOMIC TABLETOP**

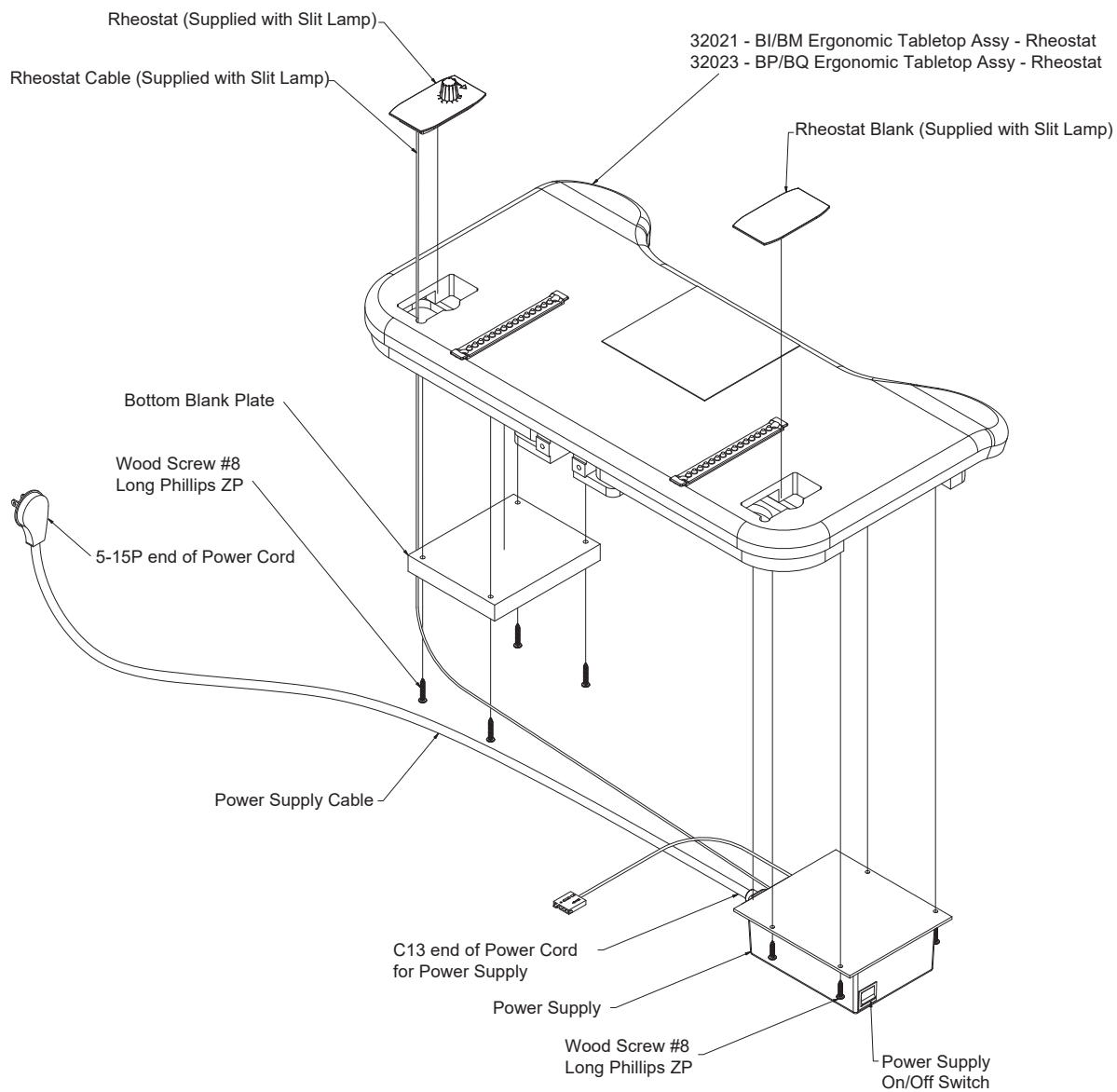
**NOTE:** When ordering parts, please:

1. Inform dealer or factory of model and serial number of Unit. These numbers are on the plate that is located under the Ergonomic Tabletop. (See Figure 4) (See Figure 5)

**REMARQUE :** Lorsque vous commandez des pièces, veuillez :

1. Informer le concessionnaire ou l'usine du modèle et du numéro de série de l'unité. Ces numéros se trouvent sur la plaque située sous le plateau ergonomique. (Voir la figure 4) (Voir la figure 5)

Should your ErgonomicTabletop not perform properly, or if replacement parts are needed, contact the Haag-Streit Distributor, where you purchased this product or contact the Technical Service Department, Haag-Streit USA, Inc., 3535 Kings Mills Road, Mason, Ohio 45040-2303, or call (800) 787-5426.

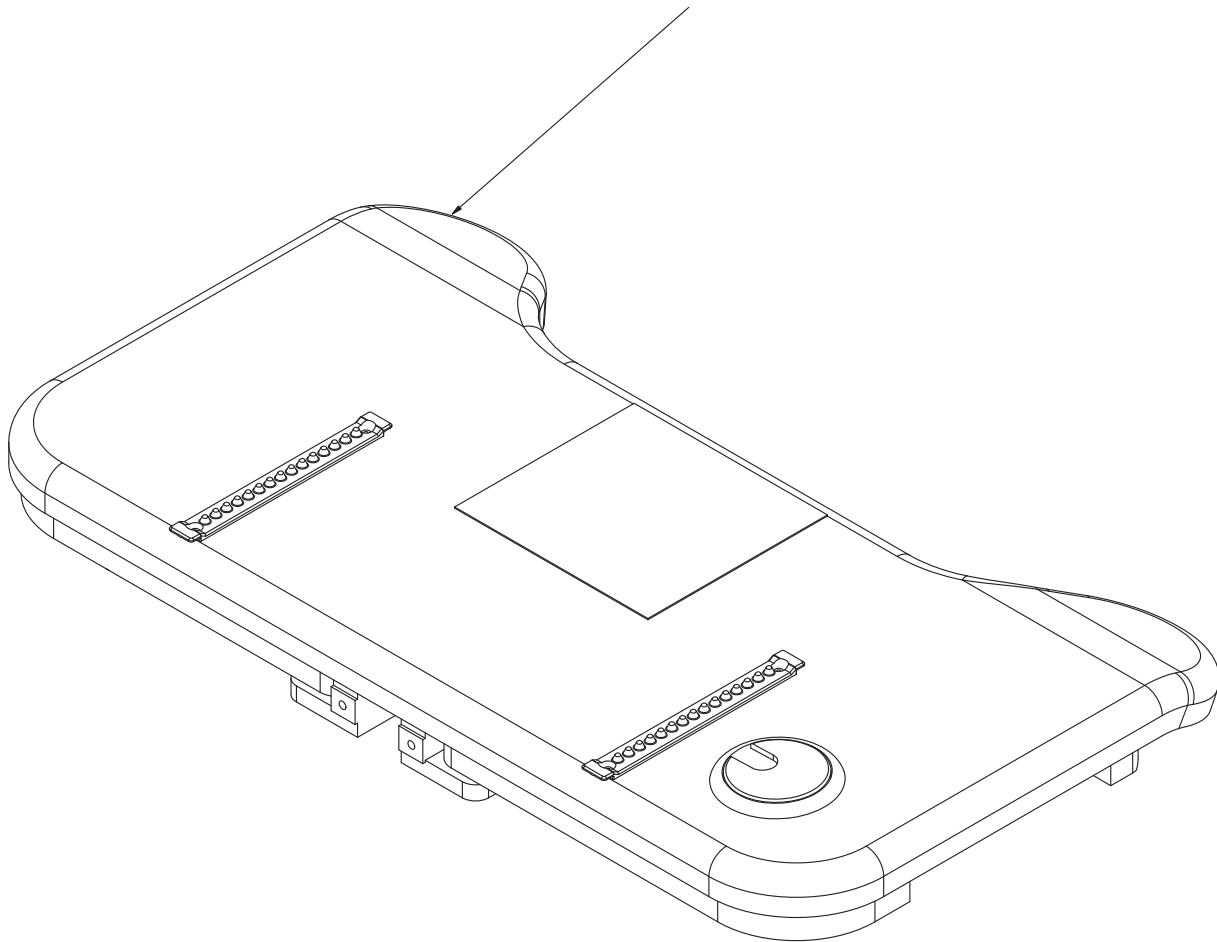


**FIGURE 4**  
**MODEL ERGONOMIC TABLETOP ASSEMBLY**  
**W/RHEOSTAT**  
**(Shown w/ Power Supply on Left & Rheostat on Right)**

To order complete Ergonomic Tabletop Assembly use P/N's.

320210 - BI/BM Ergonomic Tabletop Assembly - w/Rheostat  
 320230 - BP/BQ Ergonomic Tabletop Assembly - w/Rheostat

32022 - BI Ergonomic Tabletop Assembly - Imaging  
32024 - BP/BQ Ergonomic Tabletop Assembly - Imaging



**FIGURE 5**  
**MODEL ERGONOMIC TABLETOP ASSEMBLY**  
**IMAGING**

To order complete Ergonomic Tabletop Assembly use P/N's.

320220 - BI Ergonomic Tabletop Assembly - Imaging  
320240 - BP/BQ Ergonomic Tabletop Assembly - Imaging

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## LIMITED WARRANTY

The Reliance® product must be used only for the purposes and in the manner described in the literature distributed with the product. The products are warranted against defective materials and workmanship for a period of one (1) year from date of installation. Products or parts thereof will be repaired or replaced as required at Haag-Streit USA, Inc. Such repair or replacement shall be the sole remedy under this warranty. This warranty extends only to the original purchaser from an authorized Haag-Streit dealer and is subject to the following conditions:

1. The warranty card must be completed and returned to Haag-Streit USA, Inc. within two (2) weeks from the date of installation.
2. Installation and servicing of the products must be performed by trained Haag-Streit USA, Inc equipment dealer service personnel in accordance with the appropriate instructions manual for the products. Warranty will be voided if installation is performed by a non-authorized individual
3. The products have not sustained breakage or other types of damage due to accident or misuse.
4. This warranty will not apply to Reliance® products which have had the serial number removed, altered or effaced.

**EXCEPT FOR THE EXPRESS WARRANTY SET FORTH ABOVE, HAAG-STREIT DOES NOT GRANT ANY WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.**

Haag-Streit USA, Inc neither assumes nor authorizes any person to assume for it, any other liability in connection with the sale and use of its products.

**REMEDIES ARE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF PARTS. HAAG-STREIT USA, INC. EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF THE EQUIPMENT.**

Claims covered by this warranty will be honored when presented within one (1) month from discovery of a defect.



**MADE IN USA**

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