

FIVE-POSITION CONTROL BLOCK

ASI TECHNICAL GUIDELINE FOR 95-0295

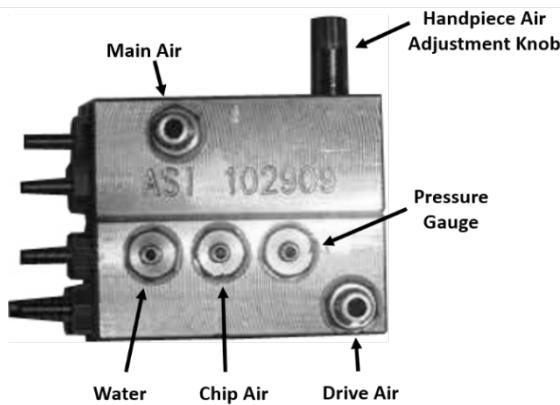
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PURPOSE

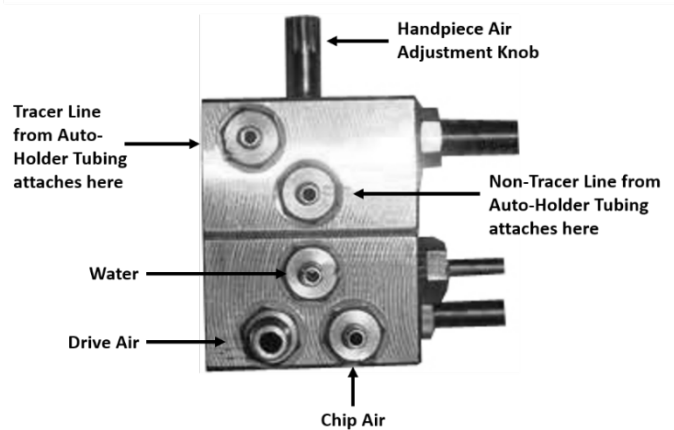
This technical guide provides information about five-position control blocks used in ASI delivery systems and instructions for their removal and replacement.

CONTROL BLOCK & TUBING CONFIGURATION DIAGRAMS

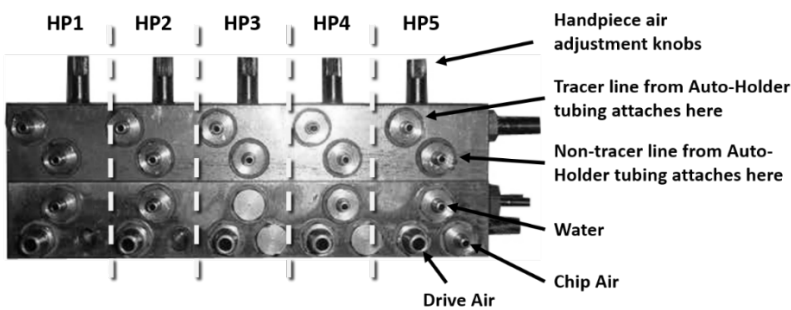
5-Position/Single-Control Block: Side Input Connections



Single-Position Control Block: Front Output Connections to Handpiece



5-Position Control Block: Front Output Connections to Handpiece



Control Block Tubing Configuration

| | |
|-------------------|--|
| US | 1/4" barb with washer in drive air port 1/8" barb with washer in water port Plug with washer in chip air port |
| RTR Aux | 1/4" barb with washer in drive air port Plug with washer in both chip air port and water port |
| EHLS HS FHS | 1/4" barb with washer in drive air port 1/8" barb with washer in water port 1/8" barb with washer in chip air port |
| LS | 1/4" barb with washer in drive air port 1/8" barb with washer in chip air port Plug with washer in water port |
| Active | 1/8" barb with washer in drive air port Plug with washer in both chip air port and water port |
| Blank | Plug with washer in all three ports. Bridge the two hole tubing ports with 1/8" yellow tubing using small sleeves |

PARTS LIST

- 95-0295, 5-position control block with expanded top

TOOLS REQUIRED

- Phillips screwdriver
- Sleeve tool

FIVE-POSITION CONTROL BLOCK

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IMPORTANT!

Before commencing on the following instructions, please read and follow all applicable warnings/cautions listed at the end of this technical guideline.

- i** *Before removing existing control block, check the replacement control block for proper barb and plug configuration, compare to the original control block's configuration. Configure replacement block barbs and plugs, if needed.*
- i** *Control blocks with the air handpiece adjustment knobs pointing inside unit are held down with a control block bracket. Control blocks with the air handpiece adjustment knobs pointing down through holes in the baseplate, are held down with two (2) pan head screws on the outside/underside of the baseplate (bracket is not used for installation). Retain pan head screws for reinstallation.*

INSTRUCTIONS - REMOVING EXISTING CONTROL BLOCK

- 1 Power OFF and depressurize the unit.
- 2 Open the top of the unit to expose the control block, as per your specific model.
- 3 Remove the two (2) control block bracket lock nuts, which attach the bracket to the unit baseplate. Retain lock nuts.
- 4 Remove the two (2) control block bracket flat screws, holding the bracket to the control block. These flat screws may be under the handpiece port label attached to the bracket. Retain flat screws.
- 5 Remove the bracket from the control block.
- 6 Remove the tubing from control block barbs. Slide the tubing sleeve down the tube, away from the barb. Cut the tube off the control block barbs.
- 7 Remove the original control block from the unit.

INSTALLATION OF REPLACEMENT CONTROL BLOCK

- 8 Attach the tubing according to the tube configuration and diagrams.
- 9 Attach the control block bracket to the replacement control block using the two retained flat screws.
- 10 Place the control block onto the unit baseplate.
- 11 Attach the control block to the baseplate using the two retained lock nuts.
- 12 Check to ensure none of the tubes are pinched or kinked; adjust tubes if needed.
- 13 Power ON and pressurize the unit and check for any air and/or water leaks around the control block area.
- 14 Run each of the handpieces to ensure proper function.

WARNINGS/CAUTIONS

In addition to observing the normal precautions associated with standard dental practices and procedures, the following additional precautions should be strictly noted and observed during the set-up, operation, and maintenance of this system.



WARNING

QUALIFIED PERSONNEL ONLY

The product should only be operated by qualified personnel only. The operator bears responsibility for the correct settings and proper use of the system. ASI Dental (ASI) cannot be held liable for any malfunction of this product, or performance failure and/or its designed or desired utility, nor can ASI be held liable for injuries to persons or animals, in any case when the device is misused or not operated, applied or maintained in strict accordance with user/owner instructions set out in the operation manual. In the event of any doubt or question, the user is to contact ASI for clarification or assistance.

Improperly maintained or operated systems or instruments may void the associated warranties.

AVERTISSEMENT

PERSONNEL QUALIFIÉ UNIQUEMENT

Le produit ne doit être utilisé que par du personnel qualifié. L'exploitant est responsable des réglages corrects et de l'utilisation correcte du système. ASI Dental (ASI) ne peut être tenu responsable de tout dysfonctionnement de ce produit, ou d'une défaillance de performance et/ou de son utilité conçue ou souhaitée, et ASI ne peut être tenu responsable des blessures aux personnes ou aux animaux, en tout cas lorsque l'appareil est mal utilisé ou pas utilisé, appliqué ou entretenu en stricte conformité avec les instructions de l'utilisateur/propriétaire énoncées dans le manuel d'utilisation. En cas de doute ou de question, l'utilisateur doit contacter ASI pour obtenir des éclaircissements ou de l'aide.

Des systèmes ou instruments mal entretenus ou mal exploités peuvent annuler les garanties associées.



WARNING

COMPRESSED AIR

The compressed air system that operates this unit is under pressure. Compressed air can propel dust or loose particles and can cause bodily injury or damage. Always turn the system off and bleed off air pressure before attaching or removing air lines or accessories or servicing this unit. All air lines should be periodically inspected and replaced if worn or damaged.

If an outside compressed air supply is used to power this unit, the air supply must be regulated to 80 psi or below. Excessive air pressure could cause certain components to rupture.

AVERTISSEMENT

AIR COMPRIMÉ

Le système d'air comprimé qui fait fonctionner cet appareil est sous pression. L'air comprimé peut propulser de la poussière ou des particules libres et peut causer des blessures ou des dommages corporels. Éteignez toujours le système et purgez la pression d'air avant de fixer ou de retirer les conduites d'air ou les accessoires ou de procéder à l'entretien de cet appareil. Toutes les conduites d'air doivent être inspectées périodiquement et remplacées si elles sont usées ou endommagées.

Si une alimentation extérieure en air comprimé est utilisée pour alimenter cet appareil, l'alimentation en air doit être régulée à 80 psi ou moins. Une pression d'air excessive peut entraîner la rupture de certains composants.



WARNING

ELECTRICAL VOLTAGE

This system is powered by high voltage electricity. Like any other electrically powered device, if it is not used properly, it can cause electrical shock. Always plug the power cord into an electrical outlet with adequate fuse protection and proper grounding. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. Improper grounding of the unit can result in a risk of electric shock. Always unplug the unit before doing any service or repair to the unit.

AVERTISSEMENT

TENSION ELECTRIQUE

Ce système est alimenté par de l'électricité à haute tension. Comme tout autre appareil électrique, s'il n'est pas utilisé correctement, il peut provoquer un choc électrique. Branchez toujours le cordon d'alimentation dans une prise électrique avec une protection par fusible adéquate et une mise à la terre appropriée. En cas de court-circuit, la mise à la terre réduit le risque d'électrocution en fournissant un fil d'échappement pour le courant électrique. Une mauvaise mise à la terre de l'appareil peut entraîner un risque d'électrocution. Débranchez toujours l'appareil avant d'effectuer tout entretien ou réparation sur l'appareil.



CAUTION

DAMAGE FROM UNSUITABLE ACCESSORIES

Responsibility for the use of accessories, parts or assemblies from other manufacturers rest solely with the user.

MISE EN GARDE

DOMMAGES PROVENANT D'ACCESSOIRES INADAPTÉS

La responsabilité de l'utilisation d'accessoires, de pièces ou d'ensembles d'autres fabricants incombe uniquement à l'utilisateur.