

SyringeGuard Instruction Sheet

Congratulations on your purchase of the SyringeGuard! The SyringeGuard is a comprehensive solution designed for the secure storage, organization, and protection of Hamilton syringes and needles. The SyringeGuard kit includes a durable clear storage case and two SyringeGuards.

Key Benefits

- **Storage:** Reclaim valuable workspace with this stackable, compact storage system that provides immediate visual confirmation of your inventory.
- **Organization:** Eliminate identification errors with numbered slots that simplify syringe tracking and prevent costly mix-ups.
- **Protection:** Safeguard syringe performance and longevity by securing components against accidental damage during storage or transport.



Syringe and Needle Compatibility

Syringe Compatibility

The SyringeGuard is engineered for broad compatibility with Hamilton's 600, 700, 1700, 7000 series, and Neuros syringe, as well as the 1000 series for volumes up to 1 mL. The design securely accommodates all standard syringe terminations, including Cemented Needle, Removable Needle, Luer Lock, Luer Tip, Knurled Hub, and Neuros configurations. Additionally, the SyringeGuard supports a maximum combined syringe and needle length of 7.7 inches (196 mm). When storing syringes with connected needles, always position the flange toward the latch to ensure user safety.

Needle Compatibility

The SyringeGuard accommodates the full range of Hamilton needles from 10 to 34 gauge and up to 7.7 inches in length. It provides secure retention of needles with various hub styles, including Removable Needle, Luer Lock, Hubless, and Hat Needle configurations. To prevent needle bending or damage, carefully guide the needles between the silicone slots during insertion and removal.



Tips for Using Your SyringeGuard to Maximize Workflow Efficiency

Maximizing Storage for Hamilton Syringes and Needles

Each SyringeGuard stores up to six syringes. The silicone slots are numbered 1 through 6 to support component traceability and quick identification. Additionally, the slots are designed for stacked storage: needles and plungers can be secured in the lower portion of each slot, while the syringe barrel rests above. This design also provides space for additional needles or disassembled syringe components.

The SyringeGuard can also be used as a dedicated needle storage system. The silicone slots securely accommodate 12 standard 2-inch needles, but by utilizing both the upper and lower portions of the slots, capacity can increase up to 24 needles, depending on gauge and length.

Using the SyringeGuard for Sterilization Workflows

Constructed from high-performance Polyphenylsulfone (PPSU), the SyringeGuard is engineered to be compatible with sterilization workflows. Its ventilated design, flexible silicone slots, and perforated small-component basket are optimized for both steam and gas sterilization workflows.

For effective sterilization, it is recommended to disassemble syringes by separating the needle and plunger from the barrel if possible. The individual components can then be stacked within each numbered silicone slot to maintain traceability. The perforated basket can be used for smaller components such as ferrules, RN nuts, or Neuro sleeves.



Note: The 7000 series syringes feature a zero dead volume plunger-in-needle design and should not be disassembled.



The ventilated SyringeGuard design promotes efficient drying post sterilization. The slots numbered 1 through 6 simplify syringe reassembly, and prevent component mix-ups—a critical feature for 600 and 700 Series syringes, where each plunger is uniquely fitted to its glass barrel. When disassembling 600 and 700 Series syringes, always return each plunger to its original barrel to ensure proper function.



Warning: The Clear Storage Case is not autoclavable. However, its polycarbonate material is compatible with common laboratory disinfection solvents such as 70% ethanol or 70% isopropanol.

Reliable Protection for Transport Between Workstations, Labs or Field Locations

The SyringeGuard provides secure retention for syringes and needles, ensuring optimal protection during storage and transport. Included with the SyringeGuard Kit, the space-efficient Clear Storage Case holds up to two loaded SyringeGuards. Its durable polycarbonate shell and internal O-ring create a robust seal that protects contents against dust, moisture, and impact.

Using the Quick Reference Card for Traceability

The Quick Reference Card, included with the SyringeGuard and SyringeGuard Kit, provides a convenient place to record syringe part numbers, syringe types, needle specifications, and other relevant notes. Keeping the card with the SyringeGuard supports component traceability and simplifies the reordering process.



Ordering Information

Part Number	Description
6613512-01-KIT	SyringeGuard Kit
6613512-01-SGL	1x SyringeGuard

SyringeGuard Specifications

Specifications	Description
SyringeGuard	
SyringeGuard Dimensions (L x W x H)	8.3 x 4.6 x 1.2 in (211 x 117 x 30 mm)
Syringe Volume Compatibility	Up to 1 mL
Syringe Series Compatibility	600, 700, 1700, 7000, Neuros and 1000 series up to 1 mL
Maximum Compatible Length	7.7 in (196 mm)
Needle Compatibility	Removable Needle (RN), Luer Lock, Hubless, Hat Needle
SyringeGuard Material	Polyphenylsulfone (PPSU)
Syringe Slot Material	Silicone
Autoclavable	Yes
Gas Sterilization	Ethylene Oxide (EtO) and Vaporized Hydrogen Peroxide (VHP) Sterilization compatible
Max. Temperature	135°C (275°F)
Min. Temperature	-24°C (-11°F)
Clear Storage Case	
Exterior Clear Case Dimensions (L x W x H)	9.3 x 6.0 x 3.2 in (236 x 152 x 81 mm)
Case Material	Polycarbonate (PC)
Max Operating temp	57°C (135°F)
Min Operating temp	-24°C (-11°F)
Autoclavable	No
Disinfection	Yes (70% Ethanol and 70% Isopropanol)

Warranty Statement

Hamilton Company unconditionally guarantees its products to be free of defects in materials and workmanship. Any product that fails due to such a defect will be repaired or replaced at our discretion without cost, provided the device is returned on a Return Materials Authorization (RMA). It is the responsibility of the purchaser to determine the suitability of application and material compatibility of the product based on the published specifications of the product.

Return of Goods

Hamilton Company's return and repair policy is written to protect its employees from potentially hazardous materials (e.g., serum, radioactive materials, carcinogenic chemicals, etc.) or any substance that may cause them partial or permanent disability during the inspection or repair process. In returning a product, the customer acknowledges that the product is free from any hazardous materials. Furthermore, the customer assumes responsibility should the returned product prove to be hazardous.

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