UltraSafe Passive® technology from Safety Syringes, Inc. is now available for SCHOTT InJentle™ – the Innovative Staked Needle Syringe for Sensitive Drugs

At the PDA conference “The Universe of Prefilled Syringes and Injection Devices”, on October 18-19, 2010 in Las Vegas, US – SafetySyringes, Inc. (SSI) and SCHOTT will introduce the UltraSafe Passive® Needle Guard that provides needlestick protection for the new SCHOTT InJentle prefillable syringe. The new safety device relies on the proven UltraSafe Passive technology and complies with all anti-needlestick legislation.

SCHOTT InJentle™ is a completely unique packaging solution for the pharmaceutical industry. It offers a number of novel features for the benefit of highly sensitive drugs, in particular. Its unique design stands for improved drug stability, gentle application and also the flexibility to include further anti-counterfeiting features (e.g. RFID).

“The drug doesn’t come into contact with the needle during storage,” says Carmen Heiter, Product Manager for Syringes at SCHOTT. “This prevents sensitive drugs from interacting with the adhesive or the metal of the needle.” A robust tamper-evident closure is integrated in the

PDA conferences

“Safety Device Trends - What are the Requirements for Current and Future Safety Devices” (Fred Field, SSI) on October 19, at 7:20 a.m.

“Selection and Introduction of a Polymer Prefillable TopPac® Syringe” (Ignace Wallaert, Janssen / Anil Busimi, SCHOTT) on October 19, at 10:45 a.m.

Visit our booths no. 109 (SCHOTT) and 106 (SSI)
unique design of the syringe. As soon as the system is opened, this part will break and cannot be reconnected. This allows physicians or patients to determine whether or not a syringe has already been used.

Because of the unique design of “SCHOTT InJentle”, the needle point is fully protected and does not touch the needle shield or any other material. This guarantees best needle lubrication and straight needles; hooks are avoided. The syringe is completely tungsten-free and allows for the use of particularly thin needles of up to 31 gauge which results in a reduction of pain for the patients during injection.

Innovation doesn’t stop here: To offer effective needlestick protection for healthcare professionals, a special protective needle safety mechanism that shields the needle immediately after injection has now been developed by SSI. Its added handling benefits are obvious. A wider plunger head, finger flanges and a rounded body design offer qualified personnel safe support, and no special procedures are necessary to put the syringes into operation.

“The UltraSafe Passive safety mechanism shields the needle automatically right after injection which is a key requirement for effective needlestick protection, as a large portion of needlestick injuries happen after injection when the bare needle is removed from the injection site.” says Alexander Jaksch, VP of Business Development & Marketing at Safety Syringes. One-handed operation is possible and no new injection technique is necessary. In addition, these syringes come pre-assembled in ready-to-use-packages.
About SCHOTT Pharmaceutical Packaging

SCHOTT Pharmaceutical Packaging is one of the world’s leading suppliers of parenteral packaging for the pharmaceutical industry. More than 600 production lines at 14 production sites worldwide produce 7 billion syringes, vials, ampoules, cartridges and special articles made of tubing glass or polymer. Excellent raw materials, state-of-the-art manufacturing, the use of the latest technologies and continuous research and development enable the company to develop innovative product solutions that meet the high demands of its customers. The back-up possibilities offered by production sites situated all over the world provide flexibility, reliability and security to its partners. All production sites of the Business Segment SCHOTT Pharmaceutical Packaging operate in a GMP environment and the products comply with the international standards USP, EP and JP.

SCHOTT is an international technology group that sees its core purpose as the lasting improvement of living and working conditions. To this end, the company has been developing special materials, components and systems for 125 years. The main areas of focus are the household appliances industry, pharmaceuticals, solar energy, electronics, optics and the automotive industry. The SCHOTT Group is present in close proximity to its customers with production and sales companies in all its major markets. The Group’s approximately 17,300 employees generated worldwide sales of approximately 2.2 billion Euros in the fiscal year 2007/2008. The company’s technological and economic expertise is closely linked with its social and ecological responsibility. The SCHOTT AG is an affiliate of the Carl-Zeiss-Stiftung (Foundation).

About Safety Syringes, Inc.

Safety Syringes, Inc. (SSI) is a privately-owned company founded in 1990. Since then, SSI has established itself as the market leader in safety devices for prefilled glass syringes and the preferred partner of the world’s leading pharmaceutical companies. With a strong core competency in needlestick safety devices for prefilled glass syringes, SSI will continue to lead the expanding prefilled syringe safety market with solutions that reduce the costs of meeting increasingly stringent global legislation. SSI is headquartered in Carlsbad, USA.

Photographs on next page
Text for following pictures:
SCHOTT Pharmaceutical Packaging has developed a new staked needle syringe. The innovative seal design of InJentle(TM) syringes allows the drug only to flow into the needle at the very moment when the syringe is opened, i.e. when the needle shield is removed. The drug is not in contact with the needle or the adhesive during storage thus preventing sensitive drugs from interacting with the adhesive or the metal of the needle.

Press photographs are available for downloading from: www.schott-pictures.net

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