

XinFuDa[®]
PHARMACEUTICAL PACKAGING

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BIOMEDICAL INJECTION PEN



Disposable Injection Pen



KEY ADVANTAGES



Precise Drug Delivery

Fine-tuned scale ensures accurate and reliable dosing, enhancing therapeutic efficacy. The injection dose accuracy fully meets international ISO-11608.1 and YY-T1768.1 technical requirements and standards.



Convenient Assembly

Reduces assembly steps, taking into full consideration the requirements of pharmaceutical companies' automatic assembly line equipment to improve production efficiency.



Multi-Drug Compatibility

Supports insulin, GLP-1, antibiotics, growth hormone, interferon, and other drugs, meeting the diverse needs of pharmaceutical companies.



Flexible Customization

Customization options for appearance, color, and dosage are available to enhance brand recognition and meet personalized requirements.

INJECTION PEN

DIMENSIONS & SPECIFICATIONS



Device Specifications			
Applicable cartridge	Standard 3mL cartridge, comply with ISO11608-3	Maximum Injection Dose	80 IU
Injection Accuracy	Comply with ISO-11608.1 and YY-T1768.1 standards.	Minimum Injection Dose	1 IU
Compatible Needles	Luer Lock needles, comply with ISO11608-2 standards.	Minimum Dose/ Minimum Unit Dose	0.1 mL

TECHNICAL HIGHLIGHTS



Precise Drug Delivery

Optimized structure and materials minimize the injection resistance, allowing for smooth drug delivery with minimal pressure, reducing pain during the injection process.



Clear Dose Adjustment

Black and white color scheme with clear dose values makes dose adjustments more visible, with enhanced audible and tactile feedback, making it accessible for visually impaired patients.



Safe and Reliable Usage

Clear audible and tactile feedback during dose adjustments and drug injection enhances patient confidence.

Product Name	Product Specifications	Min. Unit Dose (mL)	Common Dose	Common Scale Units	Applicable Drugs
Disposable Injection Pen Injector Assembly	36 units compatible with 3mL cartridge	0.0208	0-12.5-25...-450	IU	Follicle Stimulating Hormone
	37 units compatible with 3mL cartridge	0.01	0-0.25-0.5	mg	Semaglutide 1.34mg/ml
	50 units compatible with 3mL cartridge	0.01	0-0.6-1.2-1.8-2.4-3.0	mg	Liraglutide
	60 units compatible with 3mL cartridge	0.01	0-2...-60	IU	36 units, compatible with 3mL cartridge
	74 units compatible with 3mL cartridge	0.01	0-0.25-0.5-1.0	mg	Insulin Series
	75 units compatible with 3mL cartridge	0.01	0-1 0-1.7 0-2.4	mg	Semaglutide
	80 units compatible with 3mL cartridge	0.01	0-2...-80	IU	Degludec Insulin Series

KEY ADVANTAGES



Precise Drug Delivery

Fine-tuned scale to ensure accurate and reliable dosing, improving therapeutic efficacy. The injection dosage precision fully Comply with international ISO-11608.1 and YY-T1768.1 technical requirements and standards.



Flexible Customization

Customizable in appearance, color, dosage, etc., according to requirements, enhancing brand recognition and catering to personalized needs.



Multi-Drug Compatibility

Compatible with various drugs such as insulin, antibiotics, growth hormone, interferon, etc., meeting the diverse needs of pharmaceutical companies.



Convenient to Use

Screw-type connection for easy replacement of cartridges and simple operation, providing excellent user-friendliness for patients.

Reusable Injection Pen



INJECTION PEN



TECHNICAL HIGHLIGHTS



Low Injection Pressure

Optimization of product structure and materials minimizes injection resistance, allowing patients to inject smoothly with a light press, reducing discomfort during the injection process.



Clear Dose Adjustment

Black and white color scheme combined with dosage numbers makes dose adjustment readings clearer. Additionally, enhanced sound and tactile feedback during dose adjustment and injection make the product suitable for visually impaired patients.



Safe and Reliable Usage

Clear auditory and tactile feedback during dosage adjustment and medication delivery, designed for up to 3 years or 3000 injections, ensuring maximum patient confidence.

Injection Pen Specifications	
Appearance Parameters	φ19mmX162mm
Dosage Range	1-60IU (10-600μL)
Minimum Dose Increment	1 IU (10μL)
Injection Accuracy	Comply with ISO-11608.1 and YY-T1768.1 standards
Compatible Cartridge	3ml cartridge vial, Comply with ISO11608-3 standard
Compatible Needle Type	Luer lock needle, Comply with ISO11608-2 standard

TECHNICAL FEATURES



Easy Operation

Zero-displacement dose adjustment with a clear tactile feel. The spring-driven mechanism ensures low injection force, allowing patients to administer medication with a gentle press, reducing pain during injection.



High Dose Accuracy

Injection doses fully comply with international standards ISO 11608-1 and YY/T 1768.1.



Convenient Assembly

Composed of three assembly components, designed with full consideration of pharmaceutical companies' automated final assembly line requirements.



Clearer Readability

Black-and-white contrast design for dosage numbers makes dose adjustment clearer and improves readability during use — suitable even for patients with impaired vision.



Enhanced Safety During Use

The optimized mechanical system provides clear auditory and tactile feedback during dosing adjustment and delivery, improving reliability in lifespan, dosing precision, and feedback mechanisms — maximizing patient confidence throughout use.



Disposable Inner-Rotating Pen Injector

INJECTION PEN

Pre-filled Injector Specifications	
Appearance	Ø18.5 mm × 157.5 mm
Dose Range	1–80 IU (10–800 µl), customizable according to customer requirements
Minimum Dose Increment	1 IU (10 µl)
Injection Accuracy	≤5%, compliant with ISO 11608-1 standard
Compatible Cartridge	3 ml cartridge, compliant with ISO 11608-3 standard
Compatible Needle Type	Luer needle, compliant with ISO 11608-2 standard



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