

Insulin Pens, Delivery Systems, and Pen Needles

Product Name (Manufacturer/ Distributor)	Comments
Autopen (Owen Mumford, Inc.)	Automatic side injection for delivery from 1.5- or 3-ml insulin cartridge. Available in four models. The Autopen AN 3000 (1.5 ml) delivers 2–32 units in 2-unit increments. The Autopen AN 3100 (1.5 ml) administers 1–16 units in 1-unit increments. The AN 3800 (3 ml) delivers 2–42 units in 2-unit increments. The AN 3810 (3 ml) delivers 1–21 units in 1-unit increments.
BD Pen Insulin Delivery Device (BD)	Portable, discreet injection device that can be used with 150-unit (1.5 ml) insulin cartridges. Preparing injections is fast and easy. Accurately set any whole-unit dose up to 30 units by turning a dial. Following injection, remove the needle according to instructions and discard in an appropriate sharps disposal container. Comes with a carrying case. Can be used with all three BD pen needle sizes (12.7 mm Original [$\frac{1}{2}$ "]; 8 mm Short [$\frac{5}{16}$ "]; 5 mm Mini [$\frac{3}{16}$ "]) and is designed for reliability. Three-year manufacturer's warranty.
BD Ultra-Fine Original Pen Needles (BD)	Identical to the needle on the BD Ultra-Fine insulin syringe (29G, 12.7 mm [$\frac{1}{2}$ "]). BD's widest inner diameter, which makes it easier to press the push button and expel insulin. Recommended for people with dexterity problems or those who take larger doses. Paper tab and inner shield are color-coded pink for easy size/gauge recognition. Can be used as replacement needles for Lilly, BD, and Novo insulin pens and dosers.
BD Ultra-Fine III Mini Pen Needle (BD)	Short and thin (31G, 5 mm [$\frac{3}{16}$ "]). Can be safely used by both children and adults, providing reliable injections with no "pinch-up" of skin required. Consult a health care professional before switching to a shorter pen needle. Paper tab and inner shield are color-coded purple for easy size/gauge recognition. Can be used as replacement needles for Lilly, BD, and Novo insulin pens and dosers.
BD Ultra-Fine III Short Pen Needles (BD)	BD's best selling and thinnest needle (31G, 8 mm [$\frac{5}{16}$ "]). Paper table and inner shield are color-coded blue for easy size/gauge recognition. Can be used as replacement needles for Lilly, BD, and Novo insulin pens and dosers.
Disetronic Pen (Disetronic Medical Systems)	"Open system" allows use of any type, manufacturer, and mixture of insulin. Uses disposable 315-unit (3.15 ml) plastic/glass cartridges. Delivers insulin in 1-unit increments from 1 to 80 units per injection using standard 30G needles. Dosage knob provides audible and tactile "clicks." Misdialed doses are corrected by turning knob counterclockwise. No reset needed. Large electronic display shows number of units selected and delivered.
Humalog Mix 75/25 Pen (Eli Lilly and Company)	Same as Humalog Pen (see below).
Humalog Pen (Eli Lilly and Company)	Prefilled, disposable insulin delivery device that holds 3.0 ml (300 units) of insulin. Knob can be dialed forward or backward in single-unit increments. Emits audible click with each unit dialed until the number of units appears in the magnifying dose window. No refrigeration needed after first use.
Humulin 70/30 Pen (Eli Lilly and Company)	Same as Humalog Pen.
Humulin N Pen (Eli Lilly and Company)	Same as Humalog Pen.

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InDuo (Novo Nordisk) (Insulin delivery plus blood glucose meter)	Combined blood glucose meter and insulin delivery system. InDuo is both a OneTouch Ultra meter for accurate, less painful testing in 5 seconds and an Innovo insulin delivery system that remembers the time and amount of your last dose. Insulin can be dosed in 1-unit increments, from 1 to 70 units. InDuo is designed for use with One Touch Ultra Fast Draw Test Strips, all Novo Nordisk PenFill 3-ml insulin cartridges (including NovoLog, NovoLog Mix 70/30, and Novolin R, N, and 70/30), and NovoFine needles.
InnoLet (Novo Nordisk)	A prefilled disposable insulin doser that is easy to read, simple to use, and designed to provide accurate doses of insulin with the turn of a dial. Features include a large dial with easy-to-read numbers for dosage selection, dials forward and back to add and subtract units of insulin, support shoulder for consistent injection depth, and audible clicks for each unit of insulin set and delivered. Available in human insulin formulations Novolin 70/30, Novolin NPH, and Novolin R. Designed for use with NovoFine 30G or 31G needle.
Innovo (Novo Nordisk)	Insulin delivery system that is easy to load, dose, inject, and discreet to carry. Insulin can be dosed in 1-unit increments, from 1 to 70 units. Large display features a memory function, which indicates when the last insulin dose was taken and the number of units of the last dose. In addition, a 6-second countdown display indicates when the entire insulin dose has been delivered and the needle may be withdrawn. Designed for use with all Novo Nordisk PenFill 3-ml insulin cartridges (including NovoLog, NovoLog Mix 70/30, and Novolin R, N, and 70/30) and NovoFine needles.
NovoFine 30 (Novo Nordisk)	30G × 8 mm insulin needles. Thin-wall technology and ultra-sharp points designed to help increase injection comfort. For use with the Novo Nordisk line of insulin-delivery systems.
NovoFine 31 (Novo Nordisk)	31G × 6 mm insulin needles. Thin-wall technology and ultra-sharp points designed to help increase injection comfort. For use with the Novo Nordisk line of insulin-delivery systems.
Novolog FlexPen (Novo Nordisk)	Prefilled disposable insulin pen that contains 3 ml (300 units) of NovoLog. Dose steps are in 1-unit increments. Large dialing window and audible clicks. Dose dial can be turned backward or forward for dose correction. Dose scale resets to zero after injection. Designed for use with the NovoFine 30G or 31G needles.
NovoLog Mix 70/30 FlexPen (Novo Nordisk)	Prefilled disposable insulin pen that contains 3 ml (300 units) of NovoLog Mix 70/30. Dose steps are in 1-unit increments. Has large dialing window and audible clicks. Dose dial can be turned backward or forward for dose correction. Dose scale resets to zero after injection. Designed for use with NovoFine needles.
NovoPen Junior (Novo Nordisk)	Insulin delivery in ½-unit increments. Provides precision dosing. Color-coded options provide flexibility for various types of insulin regimens. Designed for use with all Novo Nordisk PenFill 3-ml (300-unit) cartridges and NovoFine 30G or 31G needles.
NovoPen 3 (Novo Nordisk)	Durable insulin pen that delivers insulin in precise 1-unit increments from 2 to 70 units; large easy-to-read dose indicator for dose setting; designed for use with all Novo Nordisk PenFill 3-ml (300-unit) insulin cartridges and NovoFine 30G or 31G needles.
Unifine Pentips Pen Needles (Owen Mumford, Inc.)	Ultrathin lubricated pen needles compatible with all brand name reusable and disposable cartridge pens. 31G available in short (8 mm) and ultrashort (6 mm) lengths in boxes of 100. 29G available in original (12 mm) length. Available in 100-count box.