



Controlled Substance Dispenser

Eliminate Narcotic Countbacks for Nurses

Tedious narcotic counts at the automated dispensing cabinet – and the time it takes to resolve discrepancies – keep nurses away from patient care. The manual counting also contributes to congestion at the cabinet, putting other nurses behind.

Omnicell is the only company to offer high volume, automated unit dose dispensing, which eliminates the need for nursing countbacks.

The Controlled Substance Dispenser designed for the Omnicell® XT Automated Dispensing Cabinet:

- Saves nursing time – simple and fast controlled substance workflow
- Saves pharmacy and nurse time spent resolving discrepancies
- Discourages diversion and increases security of controlled substances
- Supports Joint Commission standards

Spend Time Caring, Not Counting

Medications are securely stored in the Controlled Substance Dispenser module within the cabinet, and each dose is dispensed individually, so nurses only have access to the specific quantities requested. Manual countbacks are not needed, saving hours of time each day.



Flexible Configurations

- Can be incorporated into all Omnicell XT cabinet sizes
- Can be added to existing cabinets on site to meet changing needs
- Versatile system manages oral solids, vials, syringes, and ampules:
 - Oral solids:** universal cassette accommodates unit-dose manufacturer-packaged oral solid medications
 - Vials:** cassettes for 1–2 mL and 3–5 mL
 - Ampules:** cassettes for 1–2 mL and 3–5 mL
 - Syringes:** cassettes for 1 mL and 2 mL

Enhances Inventory Management for Pharmacy

- Visual indicators on cassettes facilitate easier restocking and cycle counts
- High capacity: holds over 1,500 individual doses
- Automatically rotates inventory on a first-in, first-out basis
- Highly secure cassette design with smart sensors helps prevent diversion

How Much Can You Save by Eliminating Narcotic Countbacks?

Conducting countbacks and resolving discrepancies take time away from nursing and pharmacy. The costs can add up to thousands of dollars per year, as shown in this example.

Countbacks (Nursing)	3,900 doses x 10 seconds = 10.8 hours per day	= 3,942 hours per year	x \$33 hourly nursing salary	= \$130,086
Discrepancies (Nursing)	39 discrepancies per day x 20 minutes = 13 hours per day	= 4,745 hours per year	x \$33 hourly nursing salary	= \$156,585
Discrepancies (Pharmacy)	39 discrepancies per day x 10 minutes = 6.5 hours per day	= 2,373 hours per year	x \$57 hourly pharmacist salary	= \$135,261
Annual Total:				= \$421,932

This example is based on a three-hospital health system that manages 3,900 controlled substance doses per day.¹ Each countback takes about 10 seconds per controlled substance dose.² Approximately 1% of controlled substance doses result in discrepancies, which typically take 20 minutes of nursing time and 10 minutes of pharmacy time to resolve.³

¹Assumes hospitals have 300–350 beds and system processes 13,000 doses per day. Omnicell customers have estimated that about 30% of all doses are controlled substances.

²Time and motion studies conducted by Omnicell as well as customer estimates indicate a range of 8–20 seconds per countback.

³Discrepancy estimates are based on time and motion studies conducted by Omnicell as well as data from customers.



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