sysmex | Lighting the way with diagnostics

Concentrated Reagent Delivery System

RU-20

Save space and labor while streamlining your inventory management.

www.sysmex.com/us

More Uptime

Our innovative Sysmex reagent delivery system provides important benefits to lab directors, facility managers and risk managers.

Sysmex® XN-Series™ Hematology Analyzers use the RU-20 Concentrated Reagent Delivery System to provide diluent from a **25X** concentrate.

Lab director benefits:
Fewer reagent changes provide greater instrument availability and improved workflow.

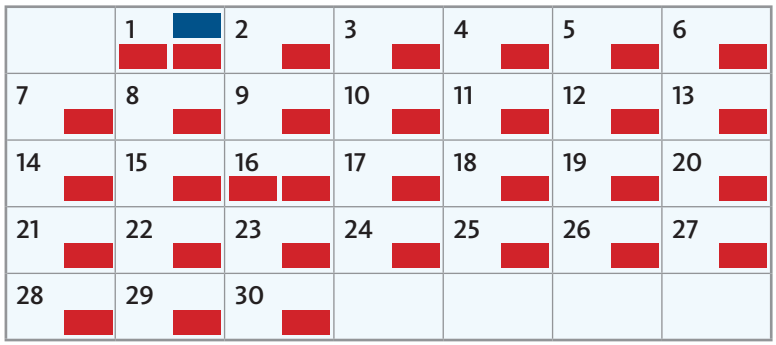
Facility manager benefits:
Less inventory space is required to store cubes, which maximizes the use of limited space.

Risk manager benefits:
Less heavy lifting from the loading dock to the storage room to the lab helps reduce back injuries.

These eye-opening examples underscore the significant differences in reagent change frequency when you compare diluents head-to-head. Check out these monthly visualizations of reagent cube changes for different diluent products running just 250 CBCs per day for one month.

How much uptime does it cost your lab to disrupt workflow and change out diluent?

Sysmex CELLPACK DST vs. **LH Series Diluent**



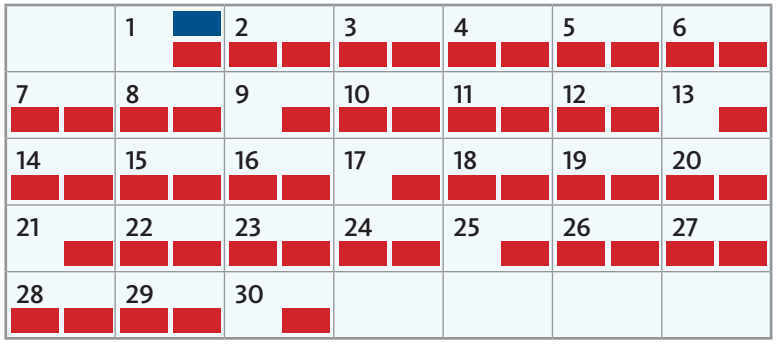
Frequency of Change – 20L Cubes
(Sysmex Concentrated Diluent)

Volume: 250 tests per day
All CBC/diff, 3 shifts, 7 days

Sysmex CELLPACK DST 20L
Cubes: 0.67
Reagent Lasts: 44.8 days

LH Series Diluent 20L
Cubes: 32
Reagent Lasts: 0.94 days

Sysmex CELLPACK DST vs. **DxH Diluent**



Frequency of Change
(Sysmex Concentrated Diluent)

Volume: 250 tests per day
All CBC/diff, 3 shifts, 7 days

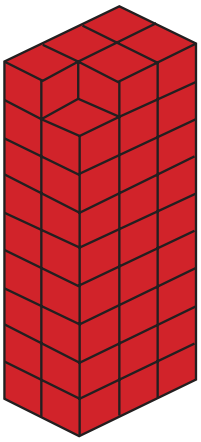
Sysmex CELLPACK DST 20L
Cubes: 0.67
Reagent Lasts: 44.8 days

DxH Diluent 10L
Cubes: 53
Reagent Lasts: 0.56 days

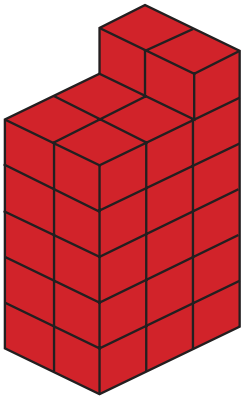
Less Lifting

Look at the huge difference in employee lifting for different diluents running just 250 CBCs per day for only one month.

Sysmex CELLPACK® DST
Your staff lifts one cube
= 48 lbs.



DxH Diluent 53 x 10L
Your staff lifts 53 X 24 lb. cubes
= 1,272 lbs.



LH Diluent 32 x 20L
Your staff lifts 32 X 48 lb. cubes
= 1,536 lbs.

Think about what this means over five years!

Assuming you move reagent just three times—from the loading dock to a storage area and then into your lab—the Sysmex CELLPACK DST will save you tons of lifting—literally!

200 Samples Per Day Over a Five-Year Period		
	DxH 800/DxH 600	LH 700 Series Container
Total Tons Heavier Than Equivalent Sysmex DST Cubes	71 Tons	94 Tons
500 Samples Per Day Over a Five-Year Period		
	DxH 800/DxH 600	LH 700 Series Container
Total Tons Heavier Than Equivalent Sysmex DST Cubes	177 Tons	234 Tons
1,000 Samples Per Day Over a Five-Year Period		
	DxH 800/DxH 600	LH 700 Series Container
Total Tons Heavier Than Equivalent Sysmex DST Cubes	354 Tons	468 Tons

Dimensions

Width: 12 in
Height: 22 in
Depth: 12 in

Weight

Approx. 51 lbs

Required Water Specifications

Electric conductivity: 1.0 µS/cm or less
Supply pressure: 0.2 to 0.4 MPa
Supply volume: 10 to 50 L/h
Water temperature: 10 to 30°C
TOC: 500 ppb or less

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