

Concentrated Reagent Delivery System

# RU-20

Save space and labor  
while streamlining your  
inventory management.



# 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.

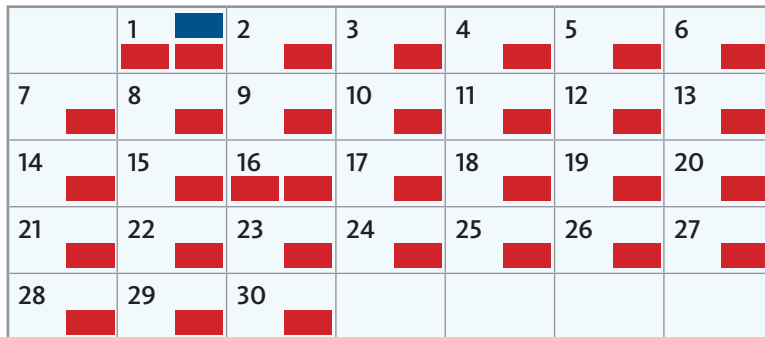
### Risk manager benefits:

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



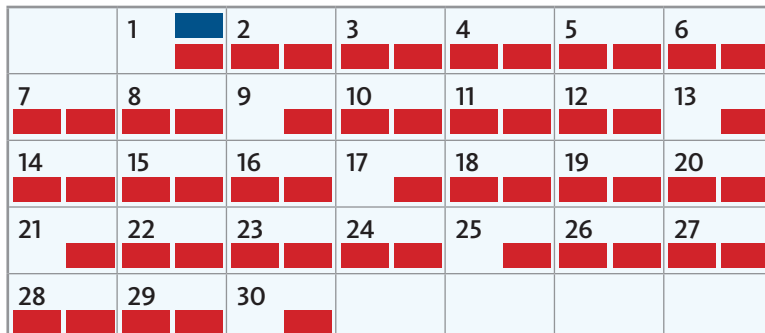
### Frequency of Change – 20L Cubes (Sysmex Concentrated Diluent)

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.



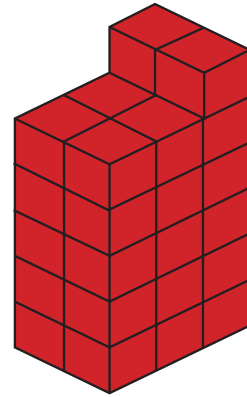
**Sysmex CELLPACK® DST**

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  $\mu\text{S}/\text{cm}$  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

### Sysmex Corporation

1-5-1-Wakino-hama-Kaigandori Chuo-ku, Kobe 651-0073, Japan · Phone +81 78 265-0521 · [www.sysmex.co.jp](http://www.sysmex.co.jp)

### Sysmex America, Inc.

577 Aptakisic Road, Lincolnshire, IL 60069, U.S.A. · Phone +1 800 379-7639 · [www.sysmex.com/us](http://www.sysmex.com/us)

### Sysmex Canada, Inc.

5700 Explorer Drive Suite 200, Mississauga, ON L4W0C6 Canada · Phone +1 905 366-7900 · [www.sysmex.ca](http://www.sysmex.ca)

### Sysmex Latin America and the Caribbean

Rua Joaquim Nabuco 615 - Bairro Cidade Jardim, São José dos Pinhais Paraná - Brasil - CEP 83040-210 · Phone +55 41 2104-1314 · [www.sysmex.com.br](http://www.sysmex.com.br)