

Flow Cytometry Analyser

CyFlow Counter

The complete solution
for CD4 and CD4%
testing



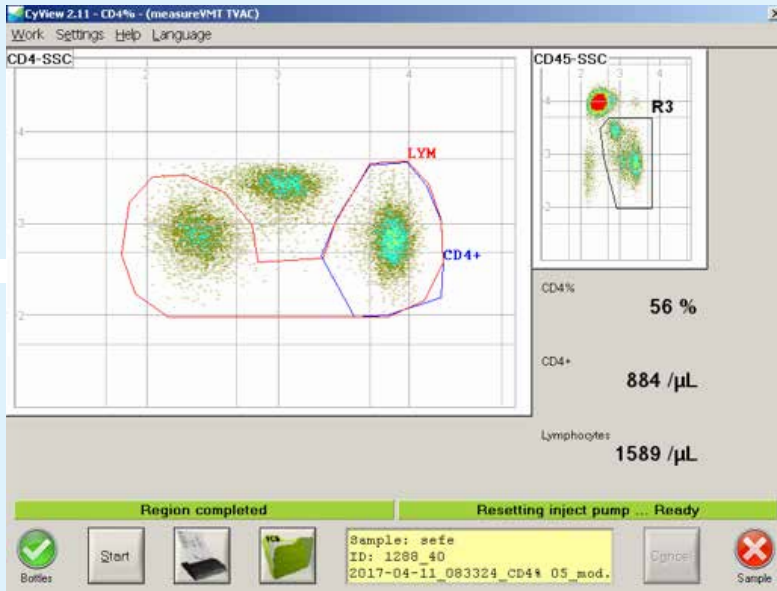
CyFlow Counter Provides Accurate And Affordable CD4⁺ T-cell Analysis

Compact and Affordable

The CyFlow Counter is a fully equipped compact bench top flow cytometer dedicated to the routine of CD4 and CD4% immunophenotyping. Thanks to its size and robustness, the CyFlow Counter is easy to position, whether it be near patients in district or province hospitals, or in a laboratory. The minimum overall running costs make the CyFlow Counter very cost-effective.

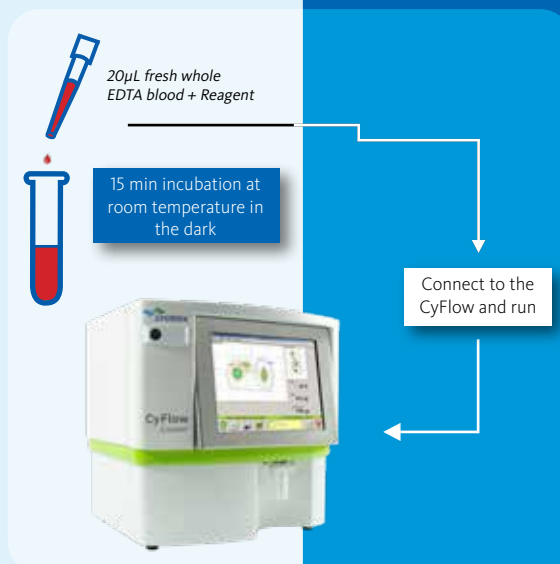
AlignFree Technology

The complete optical system of the CyFlow Counter is designed as one solid metal block. The AlignFree technology considerably reduces installation and set-up time for the instrument. The CyFlow Counter is a real 'plug&play' CD4 testing platform, allowing laboratory staff to fully concentrate on routine CD4⁺ T-cell measurements.



Highlights Of CyFlow Analysis

- Compact flow cytometer for CD4 and CD4% determination
- Set-up time: < 5 minutes
- Only 20 μ L EDTA whole blood sample required
- Built-in thermal printer





- 15 minutes incubation time outside the device for higher and flexible sample throughput
- Up to 20 samples per hour
- TVAC True Volumetric Absolute Counting eliminates the need for reference beads

Specifications of CyFlow Analysis

General	The CyFlow Counter is a bench top flow cytometer equipped with a 532 nm green laser and a built-in printer. It analyses up to three optical parameters (SSC, FL 2 and FL 3). Each signal is collected by a photomultiplier tube (PMT) and processed with an integrated electronic preamplifier.
Application & Principles	<p>Fluorescence-based Flow Cytometry Monitoring the immune status of HIV Positive patients as an aid in treatment management. CD4 Absolute count and CD4% count.</p> <p>WHO prequalified method</p> <p>Details Hydrodynamic focusing within the fluidic system allows for a precise sample flow into the quartz cuvette.</p>
Sample Analysis	EDTA 20µL of blood required
QC	QC beads for all parameters
Dimensions & Weight H x W x D [mm/kg]	250 x 330 x 265 / 11.5

Order Details

Order No.	Instrument
CG861710	CyFlow Counter
Order No.	Reagents
<ol style="list-style-type: none"> 1 ZPS40205 2 ZPS40207 	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>1 CD4 easy count kit - CD4⁺ T-Cell Absolute count</p> </div> <div style="text-align: center;">  <p>2 CD4% easy count kit - CD4⁺ T-Cell Absolute count & CD4% determination</p> </div> </div>

Sysmex Asia Pacific Pte Ltd

Tel +65 6221-3629 Fax +65 6221-3687

www.sysmex-ap.com

Sysmex India Pvt Ltd

Tel +91 (22) 6112-6666

www.sysmex.co.in

PT Sysmex Indonesia

Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699

www.sysmex.co.id

Sysmex (Malaysia) Sdn Bhd

Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688

www.sysmex.com.my

Sysmex (Thailand) Co., Ltd

Tel +66 (2) 032-2536 Fax +66 (2) 116-5396

www.sysmex.co.th

Sysmex Philippines Inc.

Tel +63 (2) 621-2460 Fax +63 (2) 621-2432

www.sysmex.com.ph

Sysmex New Zealand Ltd

Tel +64 (9) 630-3554

www.sysmex.co.nz

Sysmex Vietnam Co., Ltd

Tel +84 (8) 3997-9400 Fax +84 (8) 3997-9405

www.sysmex.com.vn

Sysmex Vietnam Co., Ltd (Hanoi Branch)

Tel +84 (4) 3776-7020 Fax +84 (4) 3776-7022

www.sysmex.com.vn

Sysmex Australia Pty Ltd

Tel +61 (2) 9016-3040

www.sysmex.com.au