

### Cell Lines Counted on the TC20 Automated Cell Counter\*, \*\*

Cell Name	Morphology	Organism	Source Organ/Disease	Growth Properties
CCD-1137Sk	Fibroblast	Human	Skin (foreskin)	Adherent
CHO	Epithelial	Chinese hamster	Ovary	Adherent
COS-7	Fibroblast	African green monkey	Kidney	Adherent
HeLa	Epithelial	Human	Cervix carcinoma	Adherent
Jurkat	Lymphoblast	Human	Acute T-cell leukemia	Suspension
K562	Lymphoblast	Human	Bone marrow, chronic myelogenous leukemia	Suspension
MCF-7	Epithelial	Human	Mammary gland, adenocarcinoma	Adherent
MDCK	Epithelial	Dog	Kidney	Adherent
MEF	Fibroblast	Mouse	Embryo	Adherent
mESC	Stem cell	Mouse	Embryo, primary extraction	Adherent
NIH 3T3	Fibroblast	Mouse	Embryo	Adherent
Pan T	Lymphocyte precursor	Human	Blood	Suspension
PBMC	Mixture of different blood cells	Human	Blood, primary extraction	Suspension
PP034	Lymphoid	Human	B cell	Suspension

\* The TC20 counter can count cells with a round shape after trypsinization.

\*\* For a current list of cell lines, go to [www.bio-rad.com/TC20](http://www.bio-rad.com/TC20).

### Other Samples Counted on the TC20 Automated Cell Counter\*

Sample Name	Organism
<i>Amoeba</i> species	Unicellular protozoa
<i>Chlamydomonas</i>	Unicellular flagellates
<i>Entamoeba histolytica</i>	Unicellular protozoan
<i>Myxomycetes</i>	Slime mold spores
<i>Saccharomyces cerevisiae</i>	Unicellular fungus

\* Total cell count only.

### Specifications

Counting time	30 sec
Cell concentration range	5 x 10 <sup>4</sup> –1 x 10 <sup>7</sup> cells/ml
Cell diameter range	6–50 µm
Sample volume	10 µl
Data storage	100 counts
Data export	Via USB drive
Dimensions (W x D x H)	19 x 15 x 25.4 cm (7.5 x 6 x 10 in.)
Weight	2.2 kg (4.8 lb) without the external power supply

### Ordering Information

Catalog # Description

#### TC20 Automated Cell Counter

145-0102	<b>TC20 Automated Cell Counter</b> , 120–240 V, includes instrument, power supply, USB flash drive, USB cable, 30 dual-chamber counting slides (60 counts), 1.5 ml trypan blue
145-0103	<b>TC20 Automated Cell Counter with Thermal Label Printer</b> , 120–240 V, includes instrument, power supply, USB flash drive, USB cable, thermal label printer, 1 roll of 185 labels, 30 dual-chamber counting slides (60 counts), 1.5 ml trypan blue

### Kits and Reagents\*

145-0003	<b>Counting Kit</b> , includes 30 dual-chamber counting slides (60 counts), 1.5 ml trypan blue
145-0014	<b>System Test Kit</b> , includes verification slide, instructions
145-0021	<b>Trypan Blue</b> , 5 x 1.5 ml 0.4% trypan blue (750 counts), sterile filtered
145-0022	<b>Trypan Blue</b> , 10 x 1.5 ml 0.4% trypan blue (1,500 counts), sterile filtered

### Accessories\*

145-0005	<b>Thermal Label Printer</b> , 120–240 V, includes thermal label printer, USB cable, 1 roll of 185 labels
145-0007	<b>Thermal Printer Labels</b> , 1 roll of 185 labels, for thermal label printer
145-0015	<b>Counting Slides</b> , 150 dual-chamber counting slides (300 counts)
145-0016	<b>Counting Slides</b> , 300 dual-chamber counting slides (600 counts)
145-0017	<b>Counting Slides</b> , 600 dual-chamber counting slides (1,200 counts)
145-0018	<b>Counting Slides</b> , 900 dual-chamber counting slides (1,800 counts)
145-0019	<b>Counting Slides</b> , 1,200 dual-chamber counting slides (2,400 counts)
145-0020	<b>Counting Slides</b> , 2,400 dual-chamber counting slides (4,800 counts)

\* TC20 kits, reagents, and accessories are compatible with the TC10™ automated cell counter.

To download the TC20 data analyzer software, go to [bio-rad.com/TC20dataanalyzer](http://bio-rad.com/TC20dataanalyzer)

For more information, visit [bio-rad.com/web/TC20more](http://bio-rad.com/web/TC20more)

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