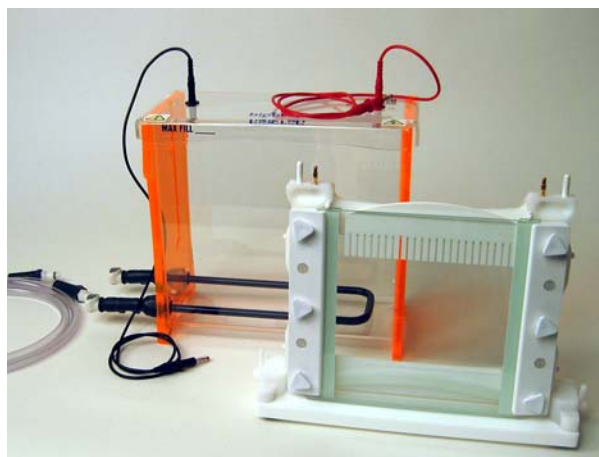


# Vertical Electrophoresis Systems

## Maxi Protein Unit TV400

- simultaneous run of 2 gels
  - 4 mm thick glass plates
  - optionally coolable
  - no glass plates transfer necessary
  - blotting and capillary module available
- |                          |                             |
|--------------------------|-----------------------------|
| • gel size               | 16.5 x 17.5 cm              |
| • max. sample capacity   | 2 x 48                      |
| • buffer volume (inner)  | 650 ml                      |
| • buffer volume (outer)  | 3500 ml                     |
| • dimensions (W x L x H) | 28.5 x 28.5 x 16.5 cm       |
| • typical voltage        | 90 - 120 V (stacking gel)   |
|                          | 120 - 180 V (resolving gel) |
| • typical current        | 20 - 30 mA per gel          |



### Electrophoresis chamber

Description	Order No.
<b>Maxi Gel Unit TV400 with casting base</b> including casting base for 2 gels, 2 x 4 mm thick glass plates with fixed spacers 1 mm thick, 2 x 4 mm thick notched glass plates, 1 dummy plate, 2 combs (1 mm thick, 24 samples)	TV400Y
<b>Maxi Gel Unit TV400 with casting base, cooled version</b> including casting base for 2 gels, 2 x 4 mm thick glass plates with fixed spacers 1 mm thick, 2 x 4 mm thick notched glass plates, 1 dummy plate, 2 combs (1 mm thick, 24 samples)	TV400YK

### Accessories

Description	Order No.
Casting base for 2 gels	TV400-CB
Dummy plate	TV400-DP
Glass plate, notched, 4 mm thick, 2 pieces/package	TV400-NG
Glass plate, plain, 4 mm thick, 2 pieces/package	TV400-PG
Glass plate with 0.75 mm fixed spacers, 4 mm thick, 2 pieces/package	TV400-PGS0,75
Glass plate with 1,00 mm fixed spacers, 4 mm thick, 2 pieces/package	TV400-PGS1
Glass plate with 1.50 mm fixed spacers, 4 mm thick, 2 pieces/package	TV400-PGS1.5
Glass plate with 2,00 mm fixed spacers, 4 mm thick, 2 pieces/package	TV400-PGS2
Spacer, 20 x 200 mm, 4 different thicknesses, 2 pieces/package	TV400-S**
Electroblotting module	TV400-EBGRM
<b>Combs/thickness</b>	<b>0.25 mm</b> <b>0.35 mm</b>
<b>24 samples</b>	V20-C0.25-24                      V20-C0.35-24
<b>36 samples</b>	V20-C0.25-36MC*                      V20-C0.35-36MC*
<b>Combs/thickness</b>	<b>0.75 mm</b> <b>1 mm</b> <b>1.5 mm</b> <b>2 mm</b>
<b>Reference comb</b>	V20-C0.75-1D                      V20-C1-1D                      V20-C1.5-1D                      V20-C2-1D
<b>10 samples</b>	V20-C0.75-10                      V20-C1-10                      V20-C1.5-10                      V20-C2-10
<b>18 samples</b>	V20-C0.75-18MC*                      V20-C1-18MC*                      V20-C1.5-18MC*                      V20-C2-18MC*
<b>24 samples</b>	V20-C0.75-24                      V20-C1-24                      V20-C1.5-24                      V20-C2-24
<b>36 samples</b>	V20-C0.75-36MC*                      V20-C1-36MC*                      V20-C1.5-36MC*                      V20-C2-36MC*
<b>48 samples</b>	V20-C0.75-48                      V20-C1-48                      V20-C1.5-48                      V20-C2-48

\* multichannel pipette compatible

\*\* please declare the thickness of the spacers (0.75 mm, 1 mm, 1.5 mm, 2 mm)

# Vertical Electrophoresis Systems

## Specifications of combs

Order No.	Thickness (mm)	Samples	Sample volume (µl)
<b>10 cm combs for: TV100-series, V10-CDC</b>			
V10-C0.75-1D	0,75	1	525
V10-C0.75-8MC	0,75	8	45
V10-C0.75-10	0,75	10	30
V10-C0.75-12	0,75	12	28
V10-C0.75-16MC	0,75	16	18
V10-C0.75-20	0,75	20	15
V10-C1-1D	1	1	700
V10-C1-8MC	1	8	60
V10-C1-10	1	10	40
V10-C1-12	1	12	37
V10-C1-16MC	1	16	25
V10-C1-20	1	20	20
V10-C1.5-1D	1.5	1	1050
V10-C1.5-8MC	1.5	8	90
V10-C1.5-10	1.5	10	60
V10-C1.5-12	1.5	12	56
V10-C1.5-16MC	1.5	16	37
V10-C1.5-20	1.5	20	30
V10-C2-1D	2	1	1400
V10-C2-8MC	2	8	120
V10-C2-10	2	10	80
V10-C2-12	2	12	75
V10-C2-16MC	2	16	50
V10-C2-20	2	20	40

### 20 cm combs for: TV200-series, TV400-series, TVS1000, V10-WCDC, V20-CDC, V20-HCDC, SEQ-2050

V20-C0.25-24	0,25	24	11
V20-C0.25-36MC	0,25	36	6
V20-C0.35-24	0,35	24	16
V20-C0.35-36MC	0,35	36	8
V20-C0.75-1D	0,75	1	1140
V20-C0.75-10	0,75	10	82
V20-C0.75-18MC	0,75	18	45
V20-C0.75-24	0,75	24	35
V20-C0.75-36MC	0,75	36	18
V20-C0.75-48	0,75	48	17
V20-C1-1D	1	1	1528
V20-C1-10	1	10	110
V20-C1-18MC	1	18	60
V20-C1-24	1	24	47
V10-C1-36MC	1	36	25
V20-C1-48	1	48	23
V20-C1.5-1D	1.5	1	2280
V20-C1.5-10	1.5	10	165
V20-C1.5-18MC	1.5	18	90
V20-C1.5-24	1.5	24	71
V20-C1.5-36MC	1.5	36	37
V20-C1.5-48	1.5	48	35
V20-C2-1D	2	1	3040
V20-C2-10	2	10	220
V20-C2-18MC	2	18	120
V20-C2-24	2	24	95
V20-C2-36MC	2	36	50
V20-C2-48	2	48	47

Order No.	Thickness (mm)	Samples	Sample volume (µl)
<b>33 cm combs for: TVS1400, SEQ-3341</b>			
V33-C0.25-40	0,25	40	5
V33-C0.25-60MC	0,25	60	2,5
V33-C0.25-80	0,25	80	2,5
V33-C0.35-40	0,35	40	7
V33-C0.35-60MC	0,35	60	3,5
V33-C0.35-80	0,35	80	4

### 20 cm sharktooth combs for TV200-series, TVS1000, V10-WCDC, V20-CDC, V20-HCDC, SEQ-2050

SC2-M0.25-24	0,25	24	7
SC2-M0.25-30MC	0,25	30	5
SC2-M0.25-36	0,25	36	5
SC2-M0.25-48	0,25	48	3
SC2-M0.35-24	0,35	24	9
SC2-M0.35-30MC	0,35	30	7
SC2-M0.35-36	0,35	36	7
SC2-M0.35-48	0,35	48	5

### 33 cm sharktooth combs for: TVS1400, SEQ-3341

SC33-M0.25-48	0,25	48	7
SC33-M0.25-60MC	0,25	60	5
SC33-M0.25-96	0,25	96	3
SC33-M0.35-48	0,35	48	7
SC33-M0.35-60MC	0,35	60	7
SC33-M0.35-96	0,35	96	5

\* multichannel pipette compatible

- combs are colour-coded to their thickness
 

0.75 mm - black	1.50 mm - red
1.00 mm - white	2.00 mm - blue