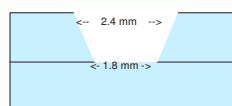


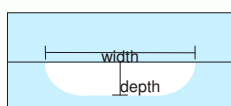
## CAPILLARY ELECTROPHORESIS (CE) CHIP

Microfluidic glass chips can be used for capillary electrophoresis (CE) purposes. Micronit offers a set of 8 different standard CE chips.

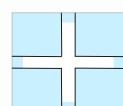
In the designs below, different injection types within a CE chip are shown.



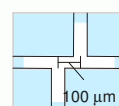
well cross section



channel cross section



cross injection



double T injection

The tables below give the specifications of the standard available CE chips.

### CE chips with integrated electrodes

type	separation length	injection type	outer chip dimensions	bottom layer
T21E	21 mm	double T	30 x 15 x 1.5 mm	400 μm
T36E	36 mm	double T	45 x 15 x 1.5 mm	400 μm

### CE chips without electrodes - compatible with Lab-on-a-Chip Kit 4515

reservoir diameter: 1.7 mm

type	separation length	channel width / depth	injection type	outer chip dimensions	bottom layer
X3550CH.2	35 mm	50 μm / 20 μm	cross	45 x 15 x 1.8 mm	700 μm
X3550CH.3	35 mm	50 μm / 20 μm	cross	45 x 15 x 1.25 mm	145 μm

### CE chips without electrodes

reservoir diameter: top: 2.55 mm (+/- 100 μm) - bottom: 1.4 mm (+/- 150 μm)

type	separation length	channel width / depth	injection type	outer chip dimensions	bottom layer
X3550	35 mm	50 μm / 20 μm	cross	45 x 15 x 1.8 mm	700 μm
T3550	35 mm	50 μm / 20 μm	double T	45 x 15 x 2.2 mm	1100 μm
X8050	80 mm	50 μm / 20 μm	cross	90 x 15 x 1.8 mm	700 μm
T8050	80 mm	50 μm / 20 μm	double T	90 x 15 x 1.8 mm	700 μm