

Technical varieties between realplex applications software V1.0, V1.5 and V2.0.

Service part no: (Red no. new).

Applications software: V1.0

PCB Control 6302 854.007 (up to Index -09)

Firmware V2.13

PCB can be upgraded for Multiplier PE to firmware V4.02

(Mastercycler modul: PCB Computer / Firmware 1.714)

Commissioning Software: V1.03

Adjusting tools:

Pale filter 6302 898.004

Lumogen plate 6302 875.004

Multiplier: PE

650 nm 6302 858.002

900 nm 6302 857.006

Mess filter without red ring.

520 nm 6302 101.203

550 nm 6302 103.206

580 nm 6302 102.200

605 nm 6302 104.202

Multiplier sensitivity E1 8000 counts

Applications software: V1.5

PCB Control 6302 854.007 (up to Index -12)

Firmware V3.36

PCB can be upgraded for Multiplier PE to firmware V4.02

(Mastercycler modul: PCB Computer / Firmware 2.601)

Commissioning Software: V1.14

Adjusting tools:

Pale filter 6302 898.004

Lumogen plate 6302 875.004

Multiplier: PE

650 nm 6302 858.002

900 nm 6302 857.006

Measuring filter without red ring

520 nm 6302 101.203

550 nm 6302 103.206

580 nm 6302 102.200

605 nm 6302 104.202

Multiplier sensitivity E1 1000 counts

Applications software V2.0

PCB Control 6302 860.503 (from Index -14 onwards)

Firmware V4.02

(Mastercycler modul: PCB Computer / Firmware 2.601)

Commissioning Software: V2.0.4

Adjusting tools:

Adjusting tools:

Adjusting filter	6302 863.502
Lumogen plate	6302 875.004

Multiplier PE

650 nm	6302 858.002
900 nm	6302 857.006

Measuring filter without red ring

520 nm	6302 101.203
550 nm	6302 103.206
580 nm	6302 102.200
605 nm	6302 104.202

Multiplier HA

650 nm	6302 854.503
900 nm	6302 855.500

Measuring filter with red ring

520 nm	6302 856.506
550 nm	6302 857.502
580 nm	6302 858.509
605 nm	6302 859.505

Multiplier sensitivity E1 1000 counts

Hint:

If the Applications software V1.0 will be upgraded to V2.0 and a new adjustment with Commissioning software will be performed, it could be that the reference path is out of spec.

To solve this problem the spare part Reference channel carrier **6302 899.000** (incl. two additional neutral glasses with differed light sensitivity) will be required.

[Mastercycler ep realplex 2 from serial number 564 onwards](#) and [Mastercycler ep realplex 4 from serial number 511 onwards](#) shouldn't have any problems.

An upgrade from PE to HA is not permitted.