

UPGRADE YOUR CEREC MCXL TO CEREC inLAB MCXL.

and milling without limitations.

if you have limited your CEREC MCXL to clinical use, (milling only crown, inlay and bridges up to 3 crowns), now you can make it a inLab MCXL, able for milling crowns, inlays, bridges in big zirconium blocks with big support as 65x25x22 (it accept bridges until 5-7 crowns)

Note that InLab MCXL and MCXI are identical machines, except that inLab MCXL has 2 heads with 2 motors each while the MCXL only has 2 heads with a single burs each, but the dimensions and capacity engines are exactly. Having 4 burs, event mill with only 2, so the only thing that happens is that when you want zirconia milling cutters should put long, and when you want to be put disilicate milling cut burs in MCXL, in the inLab MCXL it is selected automatically previously placed burs

just follow these instructions.

About HARDWARE LIMITATIONS:

The “MCXL cerc milling machine” have a automatic blocks clamp limited until blocks with litle support, then you need change it by a Manual Blocks clamp with accept litle and big support:

1- buy Polidental Manual Clamps set conversion (aprox. Price \$350)

www.polidental.com/order.html

2- replace your old automatic and litle block clamp by it, now your MCXL accept the zirconium blocks with big support as:

Innovatech YZ 55x19x15,5

Innovatech YZ 55x19x15,5 deep

Innovatech YZ 65x25x22

Innovatech YZ 66x30x16

Innovatech YZ 65x40x22

Innovatech YZ 85x40x22

About SOFTWARE LIMITATIONS:

- The “MCXL cerc software for clinic use” usually have CEREC v3.10 version, which are limited to use only zirconium blocks until 65x25x22, is true with it size you can do the most usually CEREC projects and is very unusual need bigger blocks, but if you wish you only need udgrade to a more recently CEREC software version as CEREC v3.85 and you will have all the software features you can need to design your proyects (aprox price for CEREC v3.80: \$700, update to CEREC v3.85: free)

- The “MCXL cerc milling machine” have other software limitation in a dongle, it means with a Sirona dongle, if you install other CEREC versions as v3.65 or v3.85, you will find the CEREC can not be used due appears a problem with a “Block DB” and will say “the blocks definition is wrong”, you have 3 options:

- re-install your windows and install a new CEREC v3.85 version, if it not solve the problem, you will need return until CEREC v3.10 and work with it software, it is right for use too, you will design and milling all of projects you need: crowns, inlays, provisional bridges and big bridges in a maximun blocks 65x25x22.
- Buy a unlimited dongle for inLab use to Sirona
- Buy a CEREC v3.80 limited to clinic use (when you change a blocks clamps and use a Freedom key, it software will be able for make the same as CEREC v385 in a CEREC inLab MCXL

If you use a softguard from Sirona, it will give a milling limitation when you try to milling a big bridge, and say "you can not milling" (remember CEREC for clinic have it option disable) then you need choice in two options:

buy a unlimited milling dongle from Sirona (aprox price: \$20.000)

buy a unlimited milling Emulator (you can find in internet) note there are only one wich can solve it limitation, and is knowed as "Freedom Key" (aprox price: \$1.500), can download a trial in <http://www.megaupload.com/?d=MYGFQT6Y>

it software is not developed or administred by Polidental, we only know about it due we finded it in internet, event we can help you with info.

Then now you have your CEREC MCXL with only 2 burs, right for milling the same as CEREC inLab MCXL (with 4 burs), remember the CEREC inLab 4 burs always milling with 2 burs, 2 burs are shorter: for milling fldspar and lithium disilicate, and 2 burs are larger and are for milling zirconium and PMMA.

Aprox price for it:

if you foll it steep : manual blocks clamp+CEREC v3.85+Freedom Key= \$2.550

if you follow Sirona recomendation: \$30.000, due Sirona will replace your computer and add more 2 motors, but it machine will do the same than before

Resume:

CEREC MCXL limited to clinic use, 2 motors, 2 drillers

- milling: crowns, inlays, bridges until 3 crowns in zirconium y PMMA
- the machine features in MCXL and InLab MCXL are the same, are the same machine, only the inLab MCXL machine have more 2 add DC motors, but both are the same machines, then boths can do the same, only MCXL are limited because:
 - have a Automatic blocks clamps for litle support block, not accept blocks with big support (all the zirconium blocks litle size have litle mandrell, blocks over 55mm have big mandrell)
 - have a dongle with make a limitation and not accept milling in blocks big)

Sep 1:

change the Automatic blocks clamps (for litle support block) by Manual blocks clamp (it accept litle and big support blocks). You can buy in www.polidental.com/order.html

now: you have a limited CEREC MCXL wich accept blocks with big support, but it have other software limitations

Sep 2: solve a software limitations:

1- a Sirona dongle you have, not allow you install a new CEREC version as CEREC 3.85, due show a mistake "the blocks configuration are wrong, not finded block.DB":

- Re- install your Windows system (XP or Vista, not use Windows 7) and install a new CEREC v3.85
 - buy a CEREC v3.85 version for clinic use
- use a CEREC v3.10, with it software you can milling the major types of work you will need.

2- and the sirona dongle (softgard) not allow you milling big blocks:

- buy a Sirona un-limited dongle (aprox price \$25.000)
- use a dongle Emulator as "Freedom Key", with it your CEREC v3.10 limited for clinic use, will accept blocks until size 65x25x22 and will have unlimited milling