

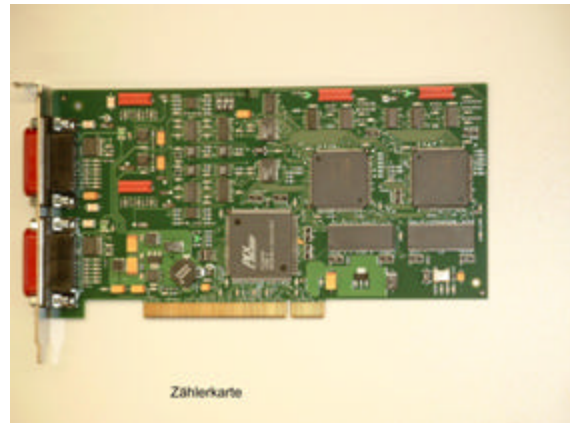
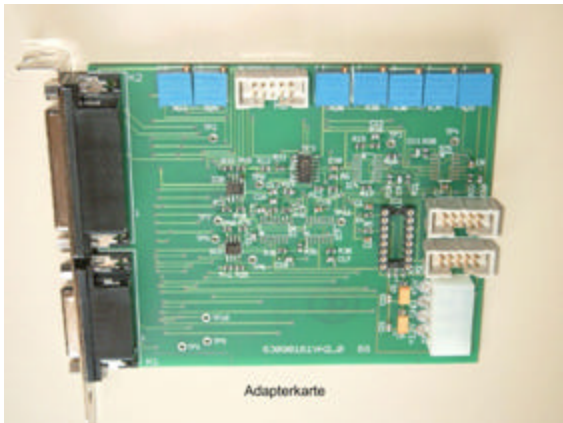
# Retrofit for SIP 550M, 750M, 1000M measuring machines

The PC card in the SIP 550M/750M/1000M machine series is no longer available, as it requires an ISA slot which is no longer used in current PC. SIP – LMC display software has not been updated for several years and only runs under the Windows 98 operating system. Therefore, the display needed to be redesigned.

We designed new solution for today's generation of PC but, because of possible technical alterations, we cannot guarantee that this retrofit will work for all SIP length measuring machinery currently in use.

The solution is an adapter card which converts the original SIP steel graduated scale signal, a counter card and a new display software.

The adapter and counter cards are installed in two available PCI slots in the PC. The cards are interconnected and then connected to the measuring machine by cables.



## Display Software

The display program is similar to the LMC. The X axis value is shown on a scalable display, while the Z axis value appears on a smaller display. The displayed measured values can be easily transferred to software programs such as Microsoft Excel, Microsoft Word or QMSOFT. For further information, please visit [www.boch.net/qmsoft.htm](http://www.boch.net/qmsoft.htm).



## Procedure for Retrofitting Existing Machines

We need a backup of your SIP directory (i.e. as a ZIP file). The correction data are downloaded and read into the correction table in the new display software. You will then receive the upgrade kit, adjusted for your specific measuring machine. Our technicians are available for servicing and calibration services on the measuring machine.

There are two options for retrofitting length measuring machines with a SIP counter card and SIP-LMC display program:

Option A: 27765086 = retrofit kit for SIP 550M/750M/1000M **with** PC, including:

31230026 = retrofit module for SIP 300M, with adapter card, counter card, cables, D/GB retrofit instructions, correction file editing and device configuration  
21907085 = industrial desktop PC, complete  
21907084 = TFT 17" display  
21908001 = display software  
47000228/229 = D/GB software operating instructions

Price for the above standard delivery € 12.000

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Option B: 27765087 = retrofit kit for SIP 550M/750M/1000M **without** PC and monitor

Including:

31230026 = retrofit module for SIP 302/305 with adapter card, counter card, cables, D/GB retrofit instructions, correction file editing and device configuration, setup costs for the provided PC  
21908001 = display software  
47000228/229 = D/GB software operating instructions

Price for the above standard delivery € 10.000

The PC must be provided free of charge at least two weeks prior to the scheduled customer delivery.

## Terms and Conditions of Delivery and Payment

Delivery time: Approx. four weeks after order  
Delivery: Ex factory, subject to a charge  
Payment: 50% at order, 50% after 30 days net  
Documentation: Operating instructions  
Warranty: One year after delivery  
Validity: This offer is valid until September 30, 2005.