



### 1. Noncontact thickness measurement of metal sheets

The thickness of metal sheets should be measured, but contactless. For this purpose a laser sensor master/slave system type **L-LAS-LT-37-MA** in connection with **L-LAS-LT-37-SL** are used. The measurement range of the system is approximately 4mm and the accuracy roughly 10µm. The distance of the sensor to the respective surface of the metal plate lies between 35mm and 39mm. The L-LAS-LT-37-SL sensor (slave) is connected to the L-LAS-LT-37-MA sensor (master) and the master sensor calculates the thickness of the metal sheet. At this the standard L-LAS-LT software was advanced and the windows® software **L-LAS-LT-MS-Scope V 3.14** is now available, especially for master/slave - applications. The system comes with a mounting plate type **C-MOUNT-LT-37** (formerly MOUNT-L-LAS-LT-37-MS).

