

Instrumentation

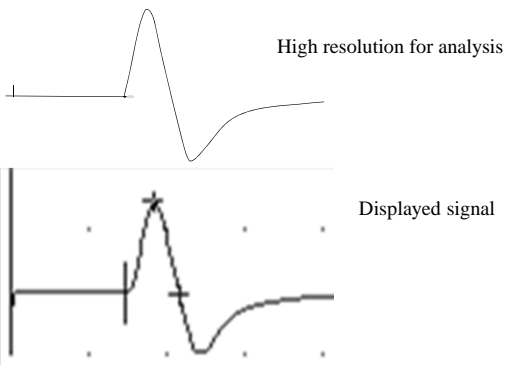
Erik Stålberg

Topics to be discussed

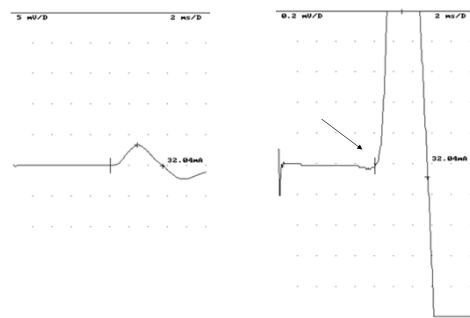
- Resolution
- Effect of gain
- Trigger
- Delay line
- Filters
- Averaging

- Electrodes

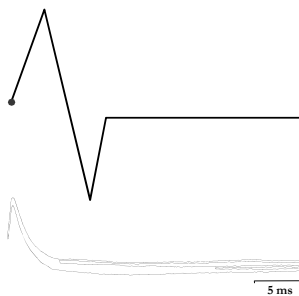
The signal has a high resolution internally for measurements but is displayed with lower resolution (screen dependent), see steps



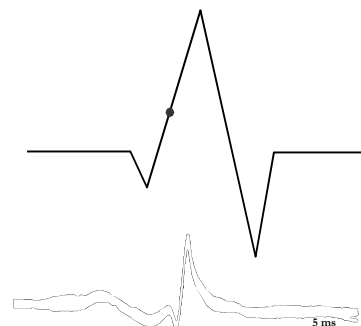
Manual cursor setting dependent on gain
computer setting is mathematical

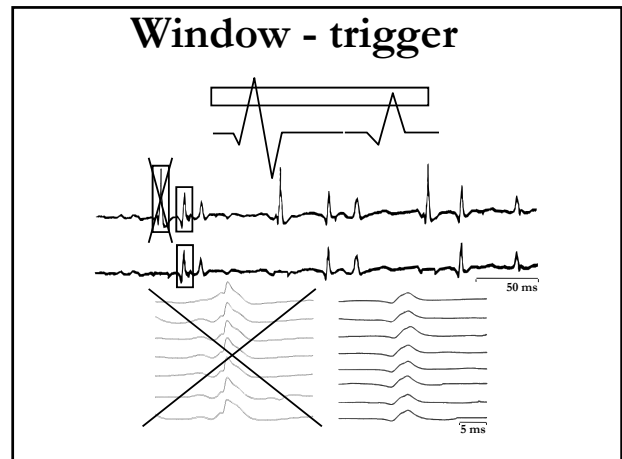
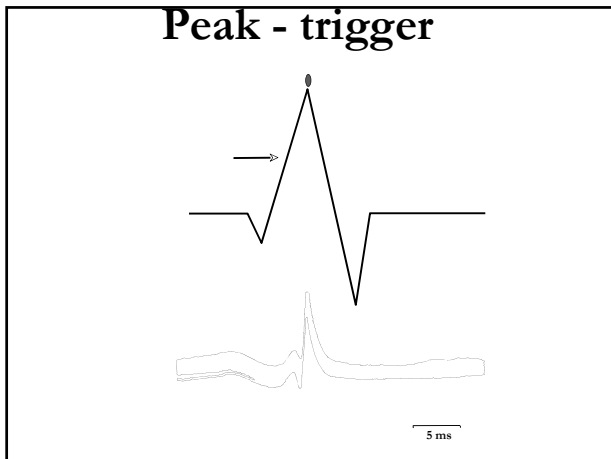


Level - trigger



Level trigger + delay





Electrodes

Note that different types of electrodes give different signals

Must be observed when comparing a result to reference data

