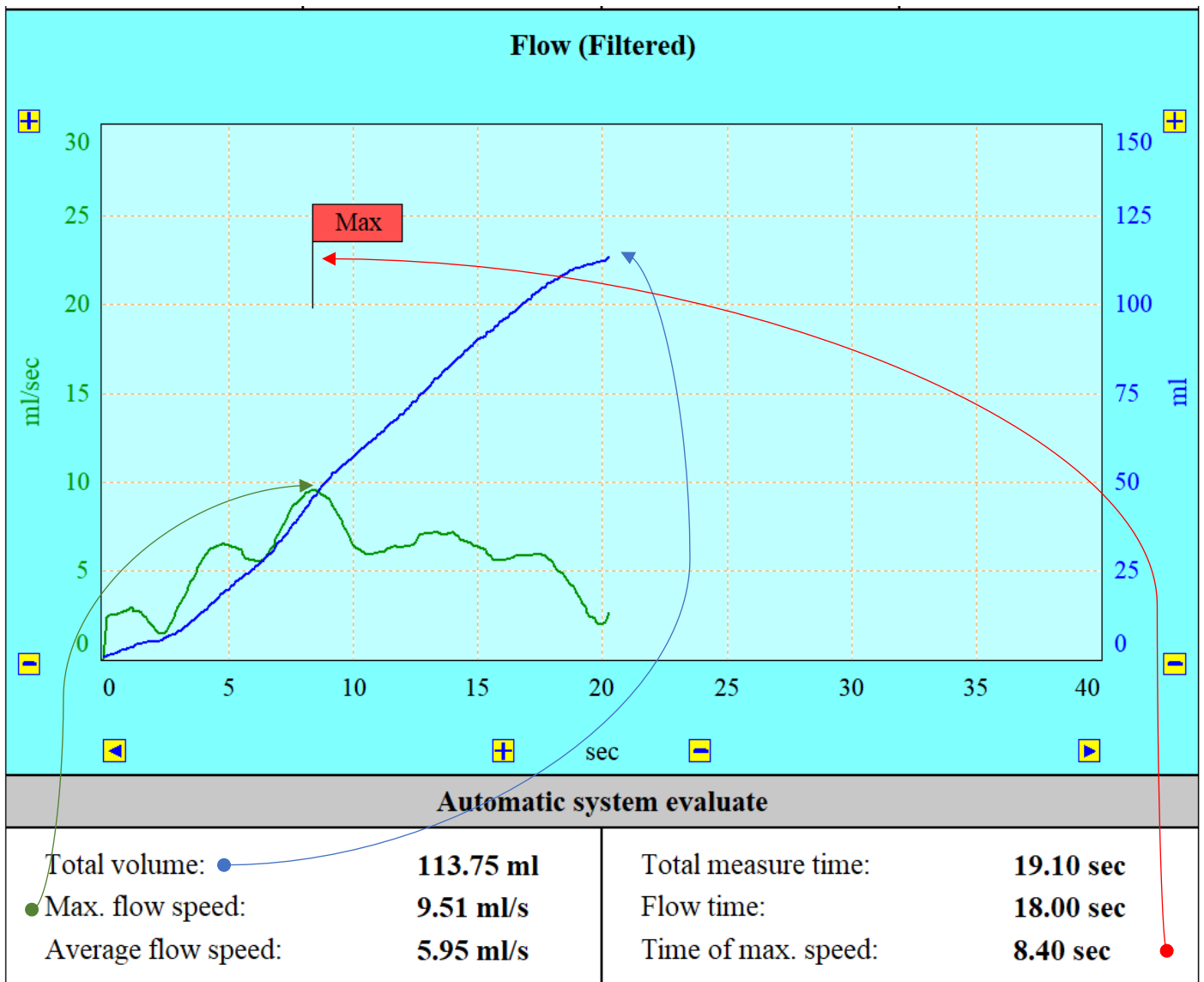


# Urodoc Flow evaluate process



## Automatic evaluate description

**Flow start time:** Time from the start where the volume first reaches 3 ml.

**Flow stop time:** Time from the end where the volume is changing not more, then 2ml/sec  
(the measurement is ended either by STOP command or automatically after  
21 sec . The software must calculate „back” to last changing)

**Flow time:** The number of samples where the volume increased, divided by samplerate.  
(E.g. Samples/10)

**Total volume:** Volume at the flow stop time.

**Max. flow speed:** Flow speed value where the speed is highest during the flow time.

**Average flow speed:** Average flow speed during the 'Flow time'. Only such samples are count,  
where the volume is increased. (Samples / Flow time)

**Total measure time:** Elapsed time from measurement start to flow stop.

**Time of max. speed:** Time of the 'Max. flow speed'.

The incoming data must be divided by 4. (The A/D resolution is 0.25 )

The sliding average is (Simple Moving Average, SMA) for 3 data point

First divide, then average.