Student's Name:	Student's Name:
Lab day & time:	Date:
Measurements and Experi	mental Errors (M1) - Data Sheets
Activity 3: Average Value and Stand	lard Deviation (3.5 p.
Be sure to fill-in the correct units in the	space provided: ()
Number of data points $N = 600$	
Average distance to the motion sensor	$x_{average} = $ ()
Standard deviation $s_x = $	()
It is customary to write our result as:	
$x = x_a$	$average \pm s_x$ (units)
_	and the standard deviation s_x of the distance "Excel function - standard deviation based on a
$x = x_{average} \pm s_x = $	()

Students are expected to **complete the lab report and return it to the lab TA** before the end of the scheduled lab time.