

# Wobble-not™

## Low Insertion Force Serological Pipet

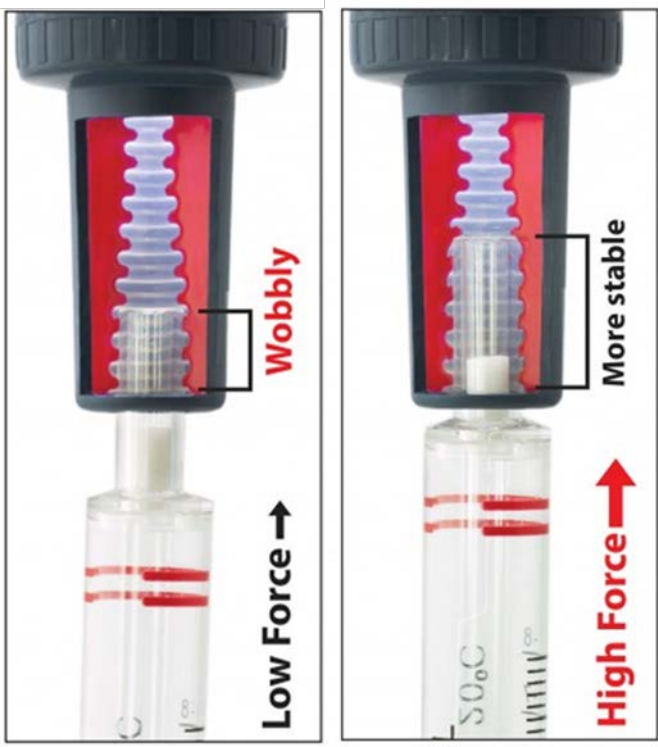
U.S. Patent 9,566,579

See the Difference. Feel the Difference.

### Standard Pipet

If you don't use enough force, the plug end is not held tightly and the pipet is wobbly.

To get the pipet to wobble less, you must use much more force to insert it.



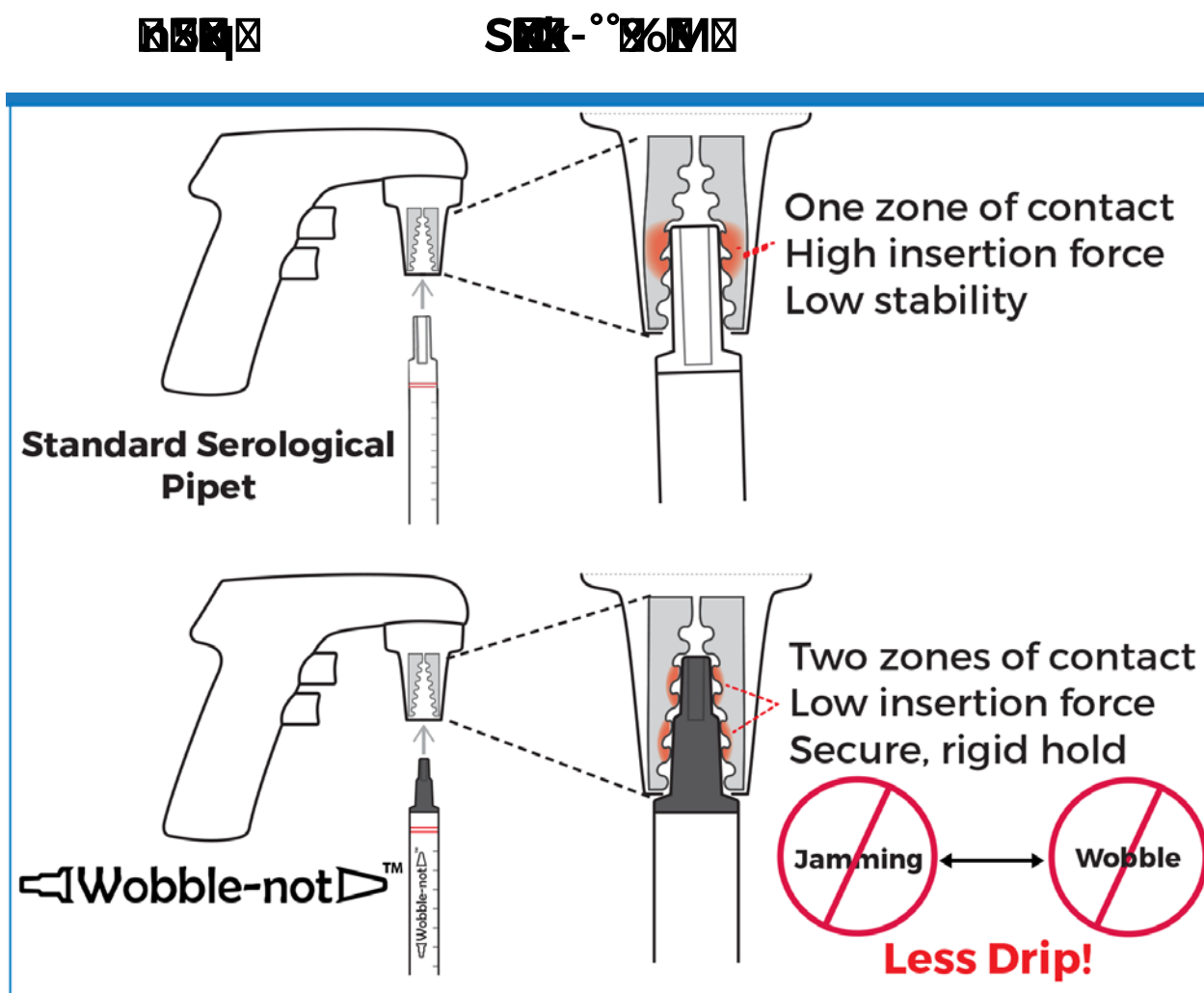
### Wobble-not™

With low insertion force, the Wobble-not pipet is held stably.

All pipet controllers have the same basic nozzle design for holding onto serological pipets.

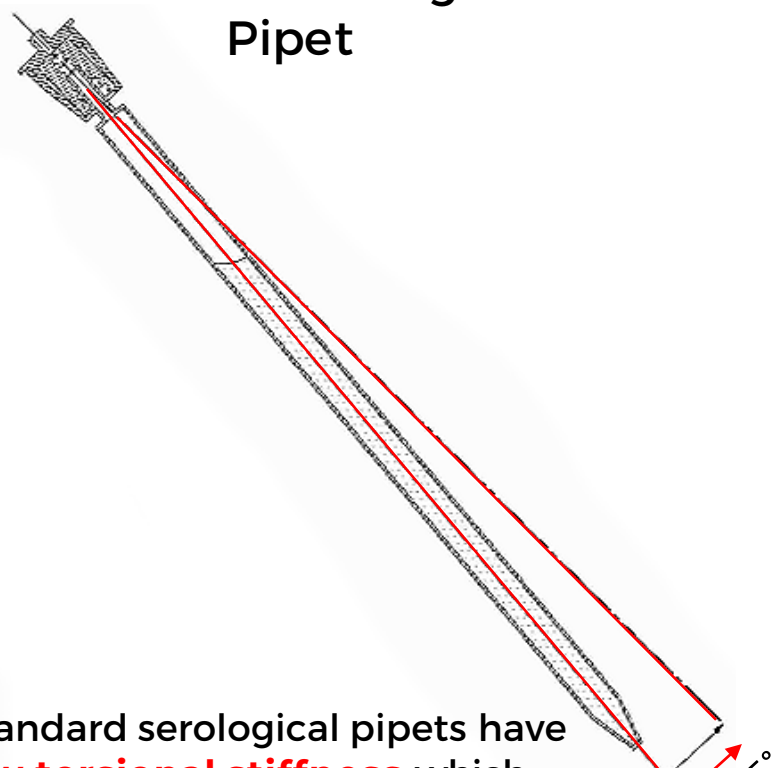


## Why it Works



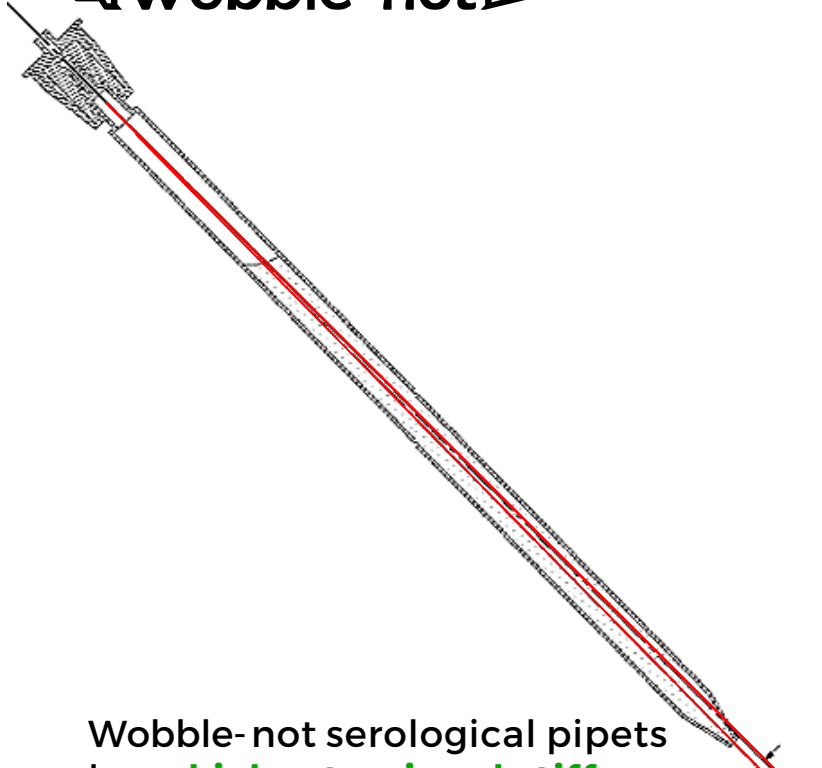
## Less Sag = Less Wobble = Less Drip!

### Standard Serological Pipet



Standard serological pipets have **low torsional stiffness** which means the pipet is more likely to sag and swing (more wobble) during use. **3° to 5°** is typical.

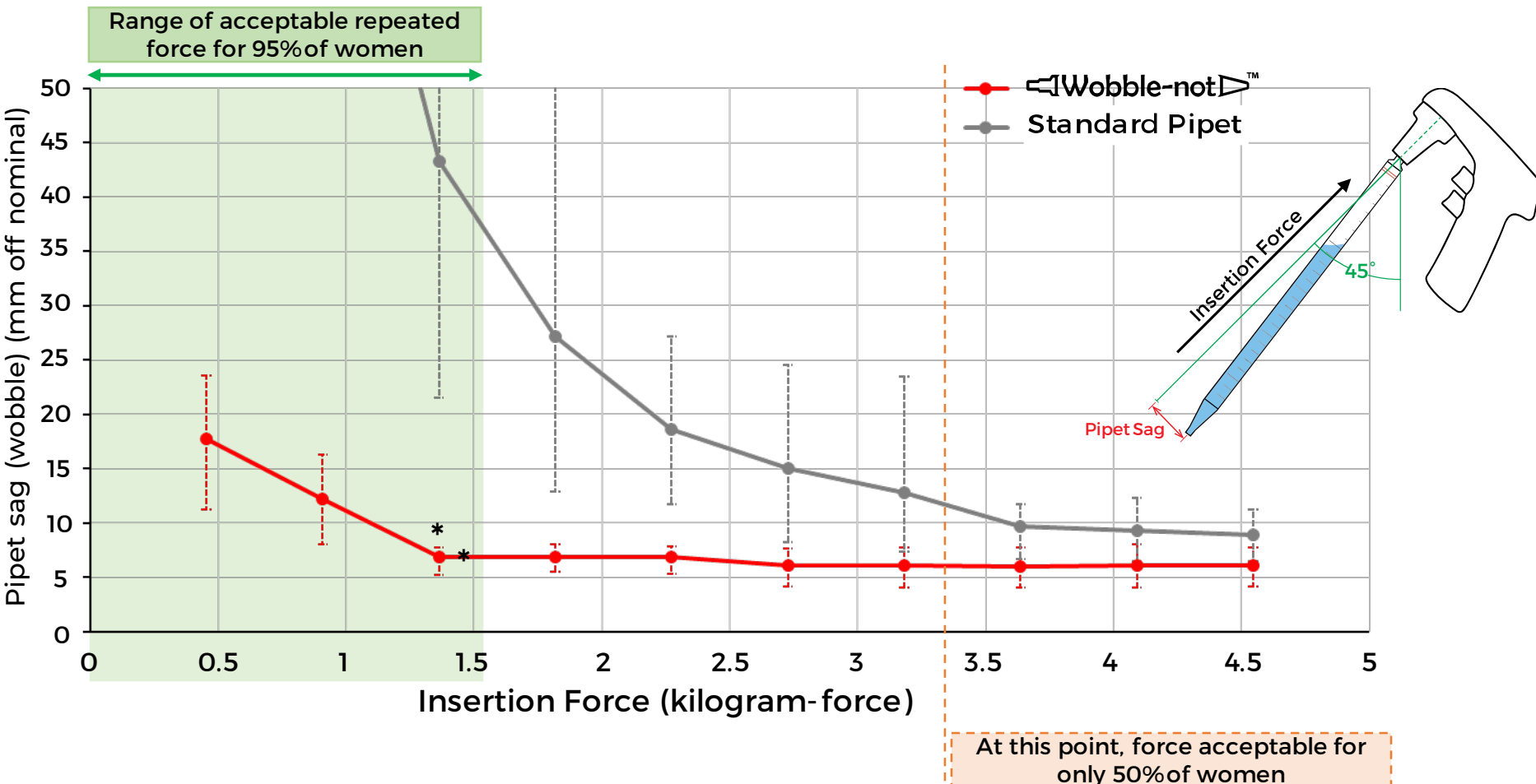
### Wobble-not™



Wobble-not serological pipets have **higher torsional stiffness** which means less movement (less sag/ less wobble) and more pipetting control. **1°** is typical.

## Wobble-not™ makes a difference ergonomically and practically!

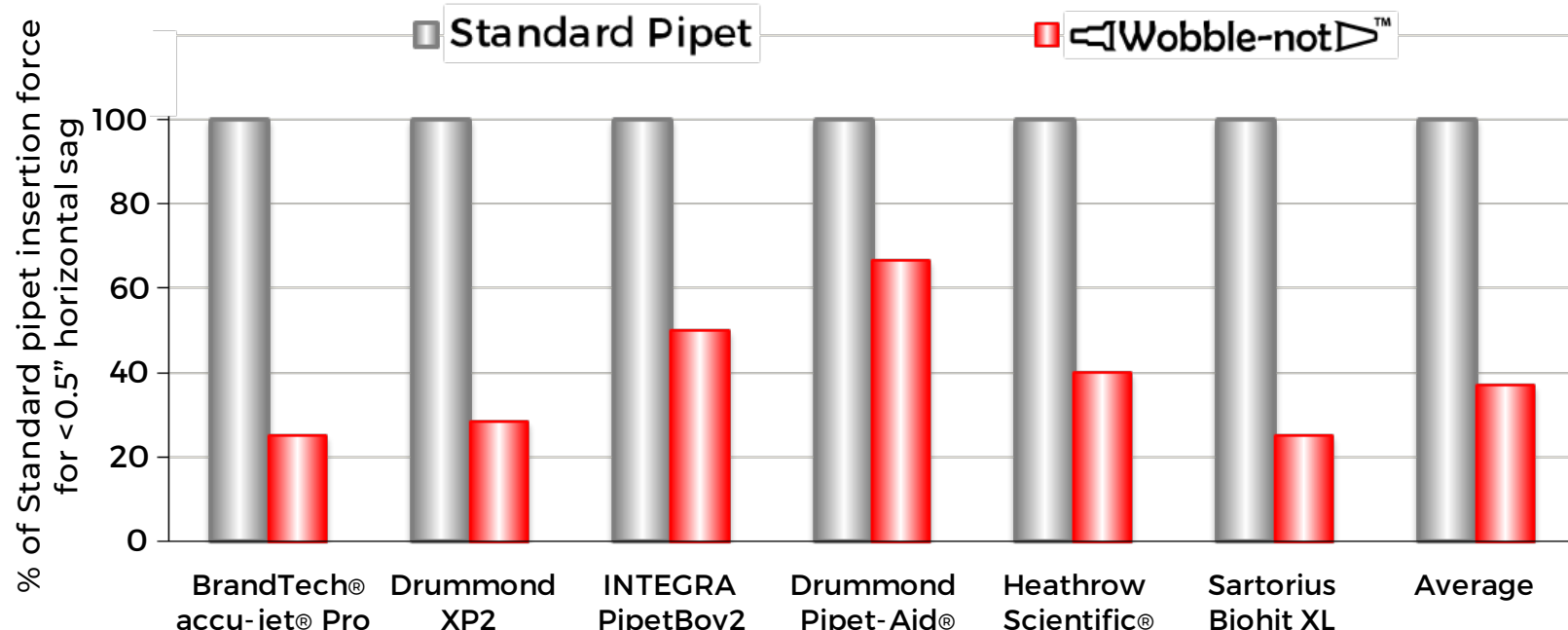
Achieve minimal wobble even with low insertion force



The amount of sag (wobble) from a nominal pipetting angle was measured at each kilogram-force of insertion into a typical pipette controller. With Wobble-not serological pipets, minimal pipet sag (wobble) was achieved for a pipet insertion force of 1.4 kilogram-force which is well within the range of acceptable repeated force for 95 % of women. At this same kilogram-force, standard serological pipets have more than 5X sag (wobble) and never reach the minimal wobble levels of the Wobble-not.

## Try Wobble-not™ with your favorite pipet controller!

Less insertion force & less wobble with Wobble-not



The insertion force needed to achieve sag (wobble) of 0.5 inches from horizontal was determined using Standard and Wobble-not serological pipets with a variety of pipette controllers. The force for the Standard Pipet using each controller was set at 100% and relative % force with Wobble-not determined. With every controller tested, Wobble-not pipets required less force for the low level of pipet wobble.