Is there an easier and more efficient way to transfer liquids between various labware formats, than using traditional handheld pipettes?

Yes. The adjustable tip spacing feature on the Thermo Scientific™ E1-ClipTip™ Electronic Equalizer Multichannel Pipette allows you to set the distance between pipette tips for different types of labware by simply sliding a handle. This exponentially reduces the number of repetitions and time needed to perform many common applications.

From test tubes to deepwell blocks; microcentrifuge tubes to 96-well plates. Even 48-well microplates to agarose gels — daily pipetting can require multiple labware formats in an application. Depending on the application a single channel pipette may be the only option when working between multiple labware formats. This dramatically increases the number of repetitive motions, and overall time needed to complete these tasks. The E1-ClipTip Electronic Equalizer Multichannel pipettes combine electronic pipetting action with multidispensing mode and adjustable tip spacing to significantly reduce pipetting time. The ClipTip interlocking tip interface ensures that the tips are securely locked and sealed on the pipette, decreasing the risk of uneven sample loading or loose tips to waste valuable samples and time.
How adjustable tip spacing can reduce pipetting time by up to 90%

What could once only be accomplished through repetitive motions using a single-channel pipette, can now be quickly and efficiently performed by using multichannel electronic pipettes. Multidispatching mode, found only in electronic pipettes, enables dispensing of the same volume repetitively with one aspiration.

For instance, aspirate 300 μl of sample and dispense 30 μl, 10 times. The adjustable tip spacing enables you to transfer multiple samples between various labware formats at once with only one movement.

**Reduced repetition and strain**

A notable part of the time savings is a result of the reduction in motions needed to transfer the liquid from labware to labware. When using an electronic pipette with adjustable tip spacing and multidispatching mode, the repetition of forearm movements can be substantially reduced. In addition, exhausting thumb movements are eliminated by index finger trigger operation and electronic tip ejection. Pipetting becomes more efficient and comfortable decreasing the risk of Repetitive Strain Injury (RSI) and lessening the risk of mistakes.

**Summary**

When transferring samples between different labware formats, the adjustable tip spacing found on E1-ClipTip Equalizer multichannel electronic pipettes will take up to 90% less time, and reduce 90% of tiresome repetitions compared to single channel pipettes. The reduction in repetitions can lessen the risk of pipetting mistakes and Repetitive Strain Injury (RSI).

See how interlocking ClipTip technology secures tips onto the pipette for reproducible results.

Learn more at [thermofisher.com/cliptip](http://thermofisher.com/cliptip)