



## Can I use the HSQ Kit with the longer column from the original PQ Kit – FAQ

If you're required to use the older 150mm PQ Kit™ column and cannot use the 75mm HSQ Kit™ column, you can adjust the parameters in the Excel spreadsheet shown here:

**Change Flow Rate** = 1 mL/minute

**Change Expected Retention Times/Run Times** = 4x longer than in the Excel sheet to compensate for lower flow rate (see above) and longer column length. You can simply adjust the Excel sheet cells for this.

**Change Injection Volume:** Increase from 8uL to 12uL to compensate for larger peaks.

**Change Gradient Test:** If you have an older system with large dwell volume, you may want to change the steps in the gradient from 5 minute steps to 10 minute steps.

All other test parameters and results are not affected by this and remain the same between both kits.

*Using the 75mm column is recommended when possible as it will save you 75% of the time to run these tests.*

Click [HERE](#) for HSQ & PQ Kits ordering information and pictures

Printed from the Chrom Resource Center

**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)

Date: 04-05-2024