

June 21, 2013

SUBJECT: Model 590 Gas Chromatograph Column Change

As a part of the process of continual product improvement, we have changed the column set used in the standard C9+ application to include a set of capillary columns to separate the C6, C7, C8, and C9+ components. Previously the columns used for this were micro-packed columns. This change has been made to improve the separation of the heavier components and improve the reliability of the columns and reduce carrier gas consumption.

The new column set has a different part number and is not compatible with previous generations of columns. Model 590 C9+ gas chromatographs manufactured after March 2013 will use the new column set. Units containing the new capillary column set can be identified by the large column housing mounted on the rear of the oven. Units built prior to this change use micro-packed columns that are installed into the center of the heater block.

The new part number and description is: 2-3-0710-456 Capillary Column Se, Low Pressure for C9+

Figure 1 - The large capillary column holder installed on the oven of a Model 500



The previous micro-packed column set is still available as a spare part for units already in the field. Part number and description of the old set is: 2-3-0520-111 Column Set C6 Thru C9+ Dual GC

If you have any further questions regarding the Model 500 GC, please refer to the product manual which is available for download from our website www.RosemountAnalytical.com.

Sincerely,

Product Marketing Team
Rosemount Analytical, Inc