

Date 7<sup>th</sup> August 2009

Dear Valued Customer:

It is our pleasure to announce that on 15 June 2009, Brooks Instrument acquired certain assets of Celerity's Instrumentation business including the instrument manufacturing operations in Allen, Texas. Brooks Instrument has provided exceptional flow and pressure measurement and control solutions to the market for more than 60 years. This acquisition strengthens and deepens Brooks' capabilities in the markets we serve and we look forward to working with former Celerity instrument customers.

There are several elements of this acquisition that merit special attention.

### Product Portfolio

Brooks Instrument acquired the assets and intellectual property for the gas and liquid flow control, vacuum and pressure product lines. The following important portfolio information pertains to the former Celerity thermal mass flow products only.

The Celerity instrumentation product line evolved over many years through the combination of several businesses. The MFC product family, for example, contains products with Unit, Tylan, Mykrolis, and Celerity lineage. Many of the MFC models have overlapping performance features and all face serious supply chain issues ranging from component obsolescence, low volumes, special calibration requirements and the lack of RoHS compliance.

Celerity Instrumentation has addressed this problem by designing a next generation ultra high purity MFC family, the GF100 Series that can be used as a direct replacement for the older metal seal MFC models. The table below shows the replacement matrix for metal sealed MFCs:

Legacy Series	Replacement GF100 Series
C1660/1661/1665	GF100
C7361	
TN2900M/2960M/2979M	
C8561/8565	GF120
C8160/8161/8165/8261R	
TN2900MEP5	
IN2	
I125C	GF125
IN3XP/GF50	

The GF100 Series provides remarkable advances in performance compared to the older generation MFCs, and is fully RoHS compliant. GF Series literature accompanies this letter.

The Tylan and Unit brand elastomer seal mass flow controllers and mass flow meters manufactured by Celerity face the same issues as the metal seal products. As Celerity did not have a new elastomer seal platform available to replace these products, Brooks Instrument, the market leader for elastomer seal flow controllers and meters will be initiating an end of life and conversion program to ensure our customers have a viable alternative.

The following table shows the recommended replacement matrix for the Tylan and Unit the elastomer sealed MFCs:

<b>Legacy Mass Flow Controllers</b>	<b>Recommended Brooks Replacement</b>
Tylan TN260/261 Series	4850, 5850E or 5850TR
Tylan TN262	SLA5851 or 5851E ( $\leq 100$ slpm) SLA5853 or 5853E ( $\geq 100$ slpm)
Tylan TN280	5850E or SLA5850
Tylan TN2900/2910 Series	5850E or SLA5850
Tylan TN2920	SLA5851 or 5851E ( $\leq 100$ slpm) SLA5853 or 5853E ( $\geq 100$ slpm)
Tylan TN2925	SLA5853 or 5853E
Unit 180C	4850 or 5850E
Unit 7300	SLA5850 or 5850E
Unit 7301	SLA5850 or 5850E
Unit 7301C	SLA5850 or 5850E
Unit 7304	SLA5850
Unit 7304C	SLA5850
Unit 8100	SLA5850 or 5850E
Unit 8101	SLA5850 or 5850E
Unit 8101C	SLA5850 or 5850E
Unit 8105	SLA5850
Unit 8105C	SLA5850
<b>Legacy Mass Flow Meters</b>	<b>Recommended Brooks Replacement</b>
Tylan TN360/361	4860, 5850E or 5850TR
Tylan TN362	SLA5861 or 5861E ( $\leq 100$ slpm) SLA5863 or 5863E ( $\geq 100$ slpm)
Tylan TN380	5860E or SLA5860
Tylan TN3900/3910	5860E or SLA5860 ( $\leq 30$ slpm) 5861E or SLA5861 ( $\geq 30$ slpm)
Tylan TN3920	5861E or SLA5861 ( $\leq 100$ slpm) 5863E or SLA5863 ( $\geq 100$ slpm)
Tylan TN2925	5863E or SLA5863
Unit 180	4860 or 5860E
Unit 7300	SLA5860
Unit 7301	SLA5860
Unit 8100	SLA5860
Unit 8101	SLA5860

The Customer Service and Product Management teams at Brooks Hatfield PA and Allen TX are available to answer customer questions on the recommended replacement models.

Brooks Instrument will continue to manufacture the 'legacy' Unit / Tylan / Mykrolis MFCs and MFMs until 31 December 2009 to give customers time to make last-time "legacy product" buys and transition to the new / replacement products.

**Product Warranty**

Under the asset purchase agreement, Brooks did not acquire any warranty obligations for Celerity products shipped prior to 15 June 2009. Brooks understands that it might be problematic for Celerity to provide warranty service for instrumentation under their warranty. Therefore, Brooks is offering complimentary repair or replacement, at our discretion, on products that fail due to material or workmanship defects during the remainder of the Celerity warranty period or until 15 June 2010, whichever comes first.

All products shipped after 15 June 2009 are backed by Brooks' standard warranty: repair or replacement, at Brooks' discretion, for failure due to material or workmanship defects for 12 months from the date of installation or 18 months from the date of shipment, whichever comes first.

**Product Service**

Brooks has a vigorous program in place to ensure on-going service and repair support for legacy MFCs. Please be assured that we are doing everything possible to extend the life of the Unit / Tylan / Mykrolis installed base. Brooks' ability to repair legacy flow products will be gated principally by the long-term availability of parts.

Brooks Instrument is providing service for legacy products at the following locations:

**Asia Pacific**

Brooks Instrument Korea, Ltd.  
D-406 Bundang Techno Park 151  
Sungnam, Kyungki-do, 463-070  
Korea  
T +82 31 708 2522

**Americas**

Brooks Instrument  
915 Enterprise Blvd.  
Allen, TX 75013-8003  
USA  
T +1 888 275 8946

**Europe, Middle East, Africa**

**Primary contact address (for RMA):**  
Celerity Deutschland GmbH  
On behalf of BROOKS INSTRUMENT B.V.  
Zur Wetterwarte 50,  
Gabaude 337B  
01109 Dresden  
Germany  
Tel: +49 351 2152 0440  
Email:  
[EuropeCustomerService@celerity.net](mailto:EuropeCustomerService@celerity.net)

**Service ship-to address;**

Brooks Instrument KFT  
Székesfehérvár  
Berényi út 72-100.  
8000, Hungary

**Upgrade Opportunity**

For a limited time, Brooks Instrument will offer a 20% credit toward the purchase price of a new GF1XX for every Celerity (Unit/Tylan/Mykrolis) metal seal MFC that is exchanged. Please consider using this opportunity to upgrade your MFC capabilities.

## Sales Contacts

For further information, please contact your regional Brooks office (shown below).

### WORLDWIDE HEADQUATERS

Brooks Instrument  
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### REGIONAL OFFICES

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#### **Korea**

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We look forward to working with you to ensure a smooth transition.

Sincerely,



Shaun Pewsey  
Director of Field Marketing