The Brooks Expert Support Tool™ (BEST) is a Microsoft® Windows® based application that provides expanded control, diagnostics and servicing capabilities for the following Brooks products:

BEST can be used for servicing tasks that include setup, configuration, troubleshooting and tuning. BEST Professional also provides access to the calibration parameters for the SLA thermal mass flow and pressure products.

Customers interested in the BEST Professional version supporting calibration, should contact their local Brooks representative to learn more about licensing and training.

To install the BEST application, download the latest version of the software from the www.brooksinstrument.com website and follow the instructions which are also available on this website. You may install the application on as many PCs as desired. However, the advanced features of BEST Professional will only operate on a PC which has a non-transferable digital license installed.

<table>
<thead>
<tr>
<th>Model</th>
<th>Operation Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GF40</td>
<td>MFC</td>
<td>Mass Flow Controllers &amp; Meters</td>
</tr>
<tr>
<td>SLA56XX (Revision A)</td>
<td>MFC, MFM, PC, RT</td>
<td>Mass Flow Controllers &amp; Meters, Pressure Controllers</td>
</tr>
<tr>
<td>SLA56XX (Revision B)</td>
<td>MFC, MFM, PC, RT</td>
<td>Mass Flow Controllers &amp; Meters, Pressure Controllers</td>
</tr>
<tr>
<td>PC115</td>
<td>PC</td>
<td>Pressure Controller (Downstream or Upstream)</td>
</tr>
<tr>
<td>PC125</td>
<td>PC</td>
<td>Pressure Controller (Downstream) w/ Flow Meter</td>
</tr>
<tr>
<td><em>QMB Quantim™</em></td>
<td>MFC</td>
<td>Mass Flow Controllers &amp; Meters</td>
</tr>
<tr>
<td>VDM300</td>
<td>MFC</td>
<td>DI Water Vapor Delivery Module</td>
</tr>
</tbody>
</table>

*Does not support revision A
The Brooks Expert Support Tool can be used to view, control and modify data such as:

- Flow
- Setpoint
- Alarm Settings
- Analog input/output (I/O) configuration & tuning
- Protocol settings
- I/O ranging
- Valve tuning / flow response optimization
- Diagnostics
- SLA Thermal Mass Flow and Pressure Controller Calibration Parameters (BEST Professional)

See Installation and Operation Manual X-SW-BEST-RevB Section 2.2 for complete details on each of the supported products.

The Brooks Expert Support Tool application can be installed on a Windows PC with the following requirements:

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Microsoft Windows 10</td>
</tr>
<tr>
<td></td>
<td>Microsoft Windows 8 — BEST has not been formally tested with Windows 8</td>
</tr>
<tr>
<td></td>
<td>Microsoft Windows 7 — 32-bit/64-bit</td>
</tr>
<tr>
<td></td>
<td>Microsoft Windows XP, SP3 — 32-bit</td>
</tr>
<tr>
<td>Graphic Resolution</td>
<td>10440 x 990, recommended</td>
</tr>
<tr>
<td>COM Port</td>
<td>One dedicated serial port or USB port with RS232/RS485 adapter</td>
</tr>
<tr>
<td>Software License</td>
<td>Required for Pro Features (Calibration)</td>
</tr>
<tr>
<td></td>
<td>See Tables 2.4 to 2.6 below for specifics</td>
</tr>
</tbody>
</table>
One of the following cable kits are required to connect the PC to the device’s service port:

**Brooks Instrument Cable Kit Options:**

**SLA Revision B, PC 100 Series and GF40**

- **778Z010ZZZ** Basic Cable Kit: USB to 2.5mm Cable Assembly
- **778Z012ZZZ** RS485 Analog/Profibus® Cable Kit w/Power Supply 24 Vdc
  - USB to 2.5mm Cable Assembly
  - Power Supply 24 Vdc with DB-15 female
- **778Z013ZZZ** EtherCAT® Cable Kit w/Power Supply 24 Vdc
  - USB to 2.5mm Cable Assembly
  - Power Supply 24 Vdc with DB-15 female
  - Cable, Power, EtherCAT to DB-15 male
- **778Z014ZZZ** DeviceNet™ Cable Kit w/Power Supply 24 Vdc
  - USB to 2.5mm Cable Assembly
  - Power Supply 24 Vdc with DB-15 female
  - Cable, Power, DeviceNet to DB-15 male

**SLA Revision A and Quantum (QMB)**

**S778D023ZZZ** Service Tool Kit

- RS232 to TTL/CMOS Converter
- Serial Interface Cable
- Standard Cable
Service and Support

Brooks is committed to assuring all of our customers receive the ideal flow solution for their application, along with outstanding service and support to back it up. We operate first class repair facilities located around the world to provide rapid response and support. Each location utilizes primary standard calibration equipment to ensure accuracy and reliability for repairs and recalibration and is certified by our local Weights and Measures Authorities and traceable to the relevant International Standards.

Visit www.BrooksInstrument.com to locate the service location nearest to you.

START-UP SERVICE AND IN-SITU CALIBRATION

Brooks Instrument can provide start-up service prior to operation when required. For some process applications, where ISO-9001 Quality Certification is important, it is mandatory to verify and/or (re)calibrate the products periodically. In many cases this service can be provided under in-situ conditions, and the results will be traceable to the relevant international quality standards.

CUSTOMER SEMINARS AND TRAINING

Brooks Instrument can provide customer seminars and dedicated training to engineers, end users, and maintenance persons.

Please contact your nearest sales representative for more details.

Due to Brooks Instrument’s commitment to continuous improvement of our products, all specifications are subject to change without notice.

TRADEMARKS

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