



## External Pressure Modules for MC5-IS

Beamex introduces new external pressure modules for the intrinsically safe multifunction calibrator MC5-IS. The new modules include a barometric reference module and gauge pressure modules ranging from 10 mbar up to 20 bar, including vacuum. Now, ranges from vacuum up to 1000 bar can be covered with external pressure modules. In addition to these modules, MC5-IS may have up to three internal pressure modules.

**These pressure ranges are available now as external modules:**

Module	Range	1 Year Uncertainty(±) <sup>1)</sup>
Barometric	800 ... 1200 mbar abs    23.6 ... 35.4 inHg a	0.5 mbar (0.015 inHg)
EXT10mD-IS	±10 mbar differential    ±4 iwc differential	0.1% RDG + 0.05% Span
EXT100m-IS	0 ... 100 mbar gauge    0 ... 40 iwc	0.04% RDG + 0.025% FS
EXT400mC-IS	±400 mbar    ±160 iwc	0.04% RDG + 0.02% FS
EXT1C-IS	±1 bar    -14.5 ... 15 psi	0.04% RDG + 0.01% FS
EXT2C-IS	-1 ... 2 bar    -14.5 ... 30 psi	0.04% RDG + 0.01% FS
EXT6C-IS	-1 ... 6 bar    -14.5 ... 90 psi	0.04% RDG + 0.01% FS
EXT20C-IS	-1 ... 20 bar    -14.5 ... 300 psi	0.04% RDG + 0.01% FS
EXT60-IS	0 ... 60 bar    0 ... 900 psi	0.04% RDG + 0.01% FS
EXT100-IS	0 ... 100 bar    0 ... 1500 psi	0.04% RDG + 0.01% FS
EXT160-IS	0 ... 160 bar    0 ... 2400 psi	0.04% RDG + 0.013% FS
EXT250-IS	0 ... 250 bar    0 ... 3700 psi	0.04% RDG + 0.015% FS
EXT600-IS	0 ... 600 bar    0 ... 9000 psi	0.04% RDG + 0.015% FS
EXT1000-IS	0 ... 1000 bar    0 ... 15000 psi	0.04% RDG + 0.015% FS

<sup>1)</sup> Uncertainty includes reference standard uncertainty, hysteresis, non-linearity, repeatability and typical long term stability for mentioned period. (k=2)

### Benefit by using your MC5-IS with external pressure modules.

The external pressure modules introduce new configuration possibilities and add flexibility, as it is now possible to calibrate even more pressure ranges with the same calibrator. The MC5-IS multifunction calibrator now meets your needs even better.

### Main Benefits:

- New configuration possibilities
- External modules are interchangeable with any MC5-IS calibrator adding flexibility.
- New external modules may be connected to existing MC5-IS calibrators adding new pressure ranges.

The new external modules are available immediately. Contact your local representative for more information.

Pressure modules

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