

BEAMEX ORDERING GUIDE

MC4



BEAMEX MC4

HARDWARE OPTIONS AND ACCESSORIES



MC4 MULTIFUNCTION DOCUMENTING CALIBRATOR

Order code	9121100		
Description	Multifunction documenting calibrator including temperature and and electrical module		
Hardware options	<u>Internal pressure modules:</u>		
NPM200mC	9121140	±200 mbar g	±80 inH2O
NPM2C	9121160	-1 to 2 bar g	-14.5 to +30 psi
NPM20C	9121180	-1 to 20 bar g	-14.5 to +300 psi
NPM160	9121200	0 to 160 bar g	0 to 2,400 psi
Barometric Option	9121200	Barometric module for absolute mode	

NOTE: Maximum number of pressure modules: 1 gauge modules + barometric module.

External pressure modules: (Standard accuracy)

EXT200mC-s	9120300	±200 mbar	±80 inH2O
EXT2C-s	9120320	-1 to 2 bar	-14.5 to 30 psi
EXT20C-s	9120340	-1 to 20 bar	-14.5 to 300 psi
EXT160-s	9120360	0 to 160 bar	0 to 2,400 psi

External pressure modules: (High accuracy)

EXTB	9220310	Barometric module for absolute mode	
EXT10mD	9220312	±10 mbar diff.	±4 inH2O
EXT100m	9220315	0 to 100 mbar g	0 to 40 inH2O
EXT400mC	9220320	±400 mbar g	±160 inH2O
EXT1C	9220325	±1 bar g	-14.5 to +15 psi
EXT2C	9220330	-1 to 2 bar g	-14.5 to +30 psi
EXT6C	9220335	-1 to 6 bar g	-14.5 to +90 psi
EXT20C	9220340	-1 to 20 bar g	-14.5 to +300 psi
EXT60	9220345	0 to 60 bar g	0 to 900 psi
EXT100	9220350	0 to 100 bar g	0 to 1,500 psi
EXT160	9220355	0 to 160 bar g	0 to 2,400 psi
EXT250	9220360	0 to 250 bar g	0 to 3,700 psi
EXT600	9220365	0 to 600 bar g	0 to 9,000 psi
EXT1000	9220370	0 to 1000 bar g	0 to 15,000 psi

EXT Cable	8036775	EXT cable (MC2/MC4 --> EXT/EXT-IS)	
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MC4 - STANDARD ACCESSORIES



POWER CORD FOR EU, MC-CALIBRATORS.

Part number	6676250
Description	Power cord, 1 pc. Select correct model.



POWER CORD FOR US, MC-CALIBRATORS.

Part number	6676270
Description	Power cord, 1 pc. Select correct model.



POWER CORD FOR UK, MC-CALIBRATORS.

Part number	6676280
Description	Power cord, 1 pc. Select correct model.



POWER CORD FOR AU, MC-CALIBRATORS.

Part number	6676285
Description	Power cord, 1 pc. Select correct model.



CHARGER BC05-B

Part number	8036795
Description	Charger, DOE approved.



NIMH BATTERY PACK,

Part number	8036140
Description	Spare rechargeable NiMH battery pack for MC2 / MC4.



USB CABLE

Part number	8036700
Description	USB A-B (male-male) cable.



TEST CLIPS

Part number	8036810
Description	Test clips, 2 pairs.

MC4 - STANDARD ACCESSORIES



TEST LEAD CU-CU

Part number	8036820
Description	Test lead Cu-Cu.



TEST LEADS

Part number	8066800
Description	Test leads, 2 pairs.



USER GUIDE

Part number	8811000
Description	User guide.



ACCREDITED CALIBRATION CERTIFICATE

Part number	
Description	Accredited calibration certificate included as standard for MC4 and internal/external pressure measurement modules. Thermocouple type K and RTD type Pt100@385 calibrated as standard. For additional T/C/RTD measurement+simulation calibration, see recalibration price list

MC4 - OPTIONAL ACCESSORIES



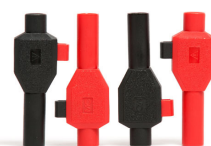
HARD CARRYING CASE

Part number	8003550
Description	Hard carrying case for multiple configurations (MC5/MC4/MC2), IP67 protection class. Ideal for pharmaceutical & food sector. Not suitable for IS calibrators. dimensions: 47 x 36 x 17 cm.



CARRYING CASE (SOFT)

Part number	8036900
Description	



CONNECTOR SET FOR BAREWIRE APPLICATIONS

Part number	8066830
Description	Connector set for barewire applications, 4 pcs.



THERMOCOUPLE PLUG SET ANSI

Part number	8036830
Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. ANSI.



THERMOCOUPLE PLUG SET IEC

Part number	8036840
Description	Thermocouple plug set, including: R/S, E, J, K, N, T-types. IEC.



40 BAR T-HOSE

Part number	8009550
Description	T-tubing 40 bar (600 psi), incl. junction block + 3 pcs 0.75 m (30 inch) hose with 3x G1/8" BSP female connectors (60° int. cone).



40 BAR HOSE

Part number	8009560
Description	40 bar (600psi) pressure hose 0.75 m with G1/8" BSP female connectors (60° int. cone) at both ends.



CONNECTOR 1/8" BSP - 1/8" NPT

Part number	7113260
Description	Adapter G1/8" BSP male (60° cone) to 1/8" NPT male.

MC4 - OPTIONAL ACCESSORIES



CONNECTOR 1/8" BSP - 1/4" NPT

Part number	7113300
Description	Adapter G 1/8" BSP male (60° cone) to 1/4" NPT male.



CONNECTOR SET

Part number	8003100
Description	1x G1/8" BSP male (60° int. cone) to G1/8" BSP male (60° int. cone) + 1x O-ring, 1x G1/8" BSP male (60° int. cone) to G1/4" BSP female (60° int. cone) + 2x seals, 1x G1/8" BSP male (60° int. cone) to 1/4" NPT male.



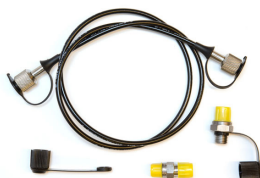
HEX REDUCING NIPPLE

Part number	7115025
Description	G1/8" BSP male (60° int. cone) to G1/4" BSP male. 2 bonded sealing rings included. For connecting EXT160 module to PGHH or PGXH Hydraulic Pump.



X-LOK CONVERTER

Part number	8009120
Description	G1/8" BSP male (60° int. cone) to X-LOK.



NPT HIGH PRESSURE HOSE SET

Part number	8003367
Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to 1/4" NPT (to pressure source). Suitable for P60/100/160 port.



BSP HIGH PRESSURE HOSE SET

Part number	8003365
Description	Hose set for high pressure with 1215 fittings (up to 400 bar / 5,800 psi), including 1 m high pressure hose, an adapter to G1/8" BSP (to the INT/PM module) and an adapter to G1/4" BSP (to pressure source). Suitable for P60/100/160 port.



HIGH PRESSURE ADAPTER

Part number	7108650
Description	1215 to G1/4" BSP Adapter for connecting external high pressure module (EXT60...EXT1000) to high pressure hose.



EXT CABLE

Part number	8036775
Description	EXT cable (MC2/MC4 to EXT/EXT-IS).

CALIBRATION CERTIFICATES IN DIGITAL FORMAT (PDF)

Order code 9050420**Description** Calibration certificates in digital format (PDF).

MC4 RECALIBRATION INCLUDING PRESSURE MODULE

Order code 9060456**Description** MC4 Recalibration including pressure module. For more information and service orders, visit: <https://www.beamex.com/services/>.

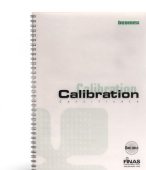
MC4 RECALIBRATION WITHOUT PRESSURE MODULE

Order code 9060458**Description** MC4 Recalibration without pressure module. For more information and service orders, visit: <https://www.beamex.com/services/>.

MC4 RECALIBRATION INCLUDING PRESSURE MODULE FOR USA MARKET

Order code 9999705**Description** NIST Recalibration MC4 including pressure module. For USA Market. For more information and service orders, visit: <https://www.beamex.com/services/>.

MC4 RECALIBRATION WITHOUT PRESSURE MODULE FOR USA MARKET

Order code 9999706**Description** NIST Recalibration MC4 without pressure module. For USA Market. For more information and service orders, visit: <https://www.beamex.com/services/>.

MC4/MC2 RECALIBRATION BAROMETRIC MODULE

Order code 9060444**Description** Recalibration MC4/MC2 Barometric module. For more information and service orders, visit: <https://www.beamex.com/services/>.

MC4 RECALIBRATION BAROMETRIC MODULE FOR USA MARKET

Order code 9999707**Description** NIST Recalibration MC4 Barometric module. For USA Market. For more information and service orders, visit: <https://www.beamex.com/services/>.

XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION

Order code 9060469**Description** Recalibration of external pressure modules; XPM, EPM, EPM-IS, EXT, EXT-IS. For more information and service orders, visit: <https://www.beamex.com/services/>.

XPM, EPM, EPM-IS, EXT, EXT-IS RECALIBRATION FOR USA MARKET

Order code 9999704**Description** NIST Recalibration of one External Pressure Module for USA Market. For more information and service orders, visit: <https://www.beamex.com/services/>.

BEAMEX CARE PLAN FOR 36 MONTHS, ONLY AVAILABLE FOR EUROPEAN COUNTRIES

Order code 9050800**Description** Beamex Care Plan for 36 months. Including recalibration and services as specified in the Additional Terms for Beamex Care Plan. More information at: <https://www.beamex.com/services/equipment-care-plan/>

FIXED SERVICE PACK, MC2, MC4 (TYPE 1)

Order code 9060086**Description** MC2/MC4 fixed service pack (Type 1) includes: replacement of casing parts, charger, keyboard, battery pack and minor repairs in main board. Fixed Service Packs also include cleaning, testing, fault finding, repairing, spare parts and program upgrades if needed. Fixed Service Packs do not include calibration, calibration certificate nor adjustment of accuracy. New pressure modules and/or pressure sensors, new electrical and/or electrical/temperature modules or RJ-modules and MC5/IS battery packs are outside the scope of Fixed Service Packs. Faults in appearance, which do not affect functionality, are also outside the scope of Fixed Service Packs.

FIXED SERVICE PACK, MC2, MC4 (TYPE 2)

Order code 9060088**Description** MC2/MC4 fixed service pack (Type 2) includes: replacement and characterisation of main board, as well as the benefits of Type 1. Fixed Service Packs also include cleaning, testing, fault finding, repairing, spare parts and program upgrades if needed. Fixed Service Packs do not include calibration, calibration certificate nor adjustment of accuracy. New pressure modules and/or pressure sensors, new electrical and/or electrical/temperature modules or RJ-modules and MC5/IS battery packs are outside the scope of Fixed Service Packs. Faults in appearance, which do not affect functionality, are also outside the scope of Fixed Service Packs.