



Micropac® Service and Tool Kits for MW & MP Single Speed Pumps

ACETAL PLASTIC SEAL FORMERS (PAIR) FOR FITTING PISTON SEALS
SELECT SERVICE KIT TO SUIT PUMP MODEL

CASTELLATED SPANNER FOR NON-RETURN VALVE RETAINER REMOVAL & REFITTING

STEEL PIN SPANNER FOR PISTON ROD BEARING REMOVAL & REFITTING

STK Tool Kit

MW/MP Service Kit

Serviceable
for sustainability

Made in England

Service and tool kits for effective servicing of your Micropac® pump

FEATURES

- Service kits available tailored to pump model comprising o-rings, PTFE seals, seats, balls and springs
- All components needed for hydraulic sealing, check valves, release valve and relief valve servicing
- Tool kit also available comprising seal formers, bearing spanner and non-return valve retainer spanner
- Acetal plastic seal formers (pair) for PTFE piston seal, available to suit all single speed pump models
- Mandrel for stretching seal over piston end to align with seal groove, avoiding potential for seal damage
- Tapered former for compressing piston seal into groove, to facilitate refitting of piston to pump body
- Steel pin spanner for removing and refitting 'tamperproof' piston rod bearing (common size)
- Castellated alloy spanner for non-return valve retainer removal and refitting (common size)
- Full servicing and seal fitting instructions available online (pdf download) or from the factory

APPLICATION

Service kits are available for periodic servicing of Micropac MW single speed pumps and MP pressure test sets with a choice of nitrile, fluorocarbon or ethylene propylene elastomers as standard, to suit original pump specification. Alternative compounds e.g. fluorosilicone, Kalrez perfluoroelastomer, WRAS silicone available to special order. Please contact the factory to discuss your requirement.

Service kits comprise of:

- piston seals (o-ring, PTFE or UHMWP seal ring) and wear strips (2)
- piston check valve seat (not 7cc/12cc), ball and spring
- bearing body seals (o-ring, PTFE or UHMWP seal ring, dirt excluder) and wear strip
- bearing body/ pump body o-ring
- inlet check valve seat, o-rings, ball, ball stop and spring
- outlet check valve seat, o-rings, poppet, spring, spacer and retainer
- release valve seat, o-rings
- pump body gasket

Service kits are suitably packed to reduce UV degradation of elastomer components and are offered with a 3 year shelf life.

Service tool kits are available to facilitate servicing of Micropac MW single speed hand pumps and MP pressure test sets. This comprises:

- tapered external seal former to stretch the PTFE/UHMWP sealing ring over the piston end and align it with the seal groove
- tapered internal seal former to compress the PTFE/UHMWP sealing ring into the seal groove to facilitate refitting of the piston into the pump body
- steel pin spanner to remove and refit the bearing body (this is a tamperproof feature to guard against unauthorised removal)
- castellated spanner to remove and refit the outlet check valve retainer

Servicing should only be undertaken by a competent service engineer, using the correct tools and original spares kit. The work should be undertaken in accordance with Sarum Hydraulics servicing and seal fitting instructions. These may be downloaded from the Sarum Hydraulics website on the appropriate product category page, or alternatively please contact the factory. Also accessible from the website is our YouTube video which goes step by step through a complete pump service.

For details on service kits and tools for other Micropac pump ranges, please contact the factory.

ORDERING CODES

MODEL RANGES	SERVICE KIT, NITRILE	SERVICE KIT, FLUOROCARBON	SERVICE KIT, EPDM	TOOL KIT
7cc (700bar)	007802800	007802800VT	007802800EP	990004000
12cc (400bar)	007801300	007801300VT	007801300EP	990004000
25cc (200bar)	007801500	0078081500VT	007801500EP	990004100
50cc (100bar), 75cc (75bar), 100cc (50bar)	007801600	007801600VT	007801600EP	990004200

We are a long established ISO 9001:2015 certificated designer and manufacturer of hydraulic equipment. Full details of other products in our range are available from:

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 Designers & Manufacturers of Micropac® Hydraulics

We invest heavily and continuously in product development.
 Specifications are therefore liable to change without prior notification.
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