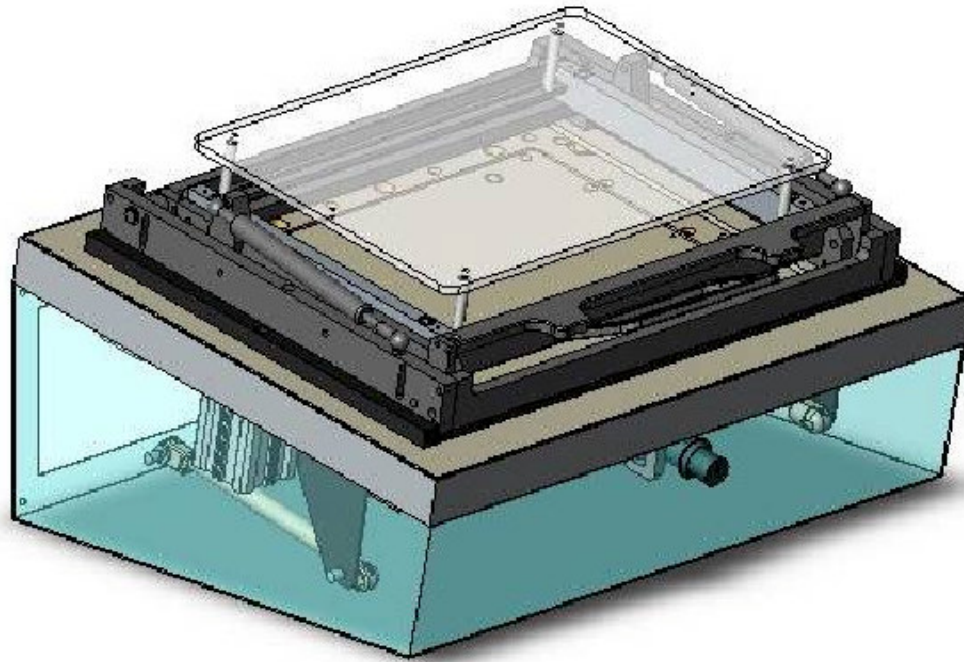


THE GENERAL PURPOSE MECHANICAL/PNEUMATIC KIT LINE



We would like to introduce our functional kit range, these fixture kits are designed to be easily customized with quickly removable drill plates. They have four hardened and ground 10mm pins running in precision linear bearings that ensure complete accuracy. These kits have over 18mm of travel, which is more than enough to cater for most applications and we supply riser kits for boards with very high components. Built by the worlds largest fixture kit producer these are sold all over the world which makes them one of the most popular functional ranges available today. For more information please contact: -

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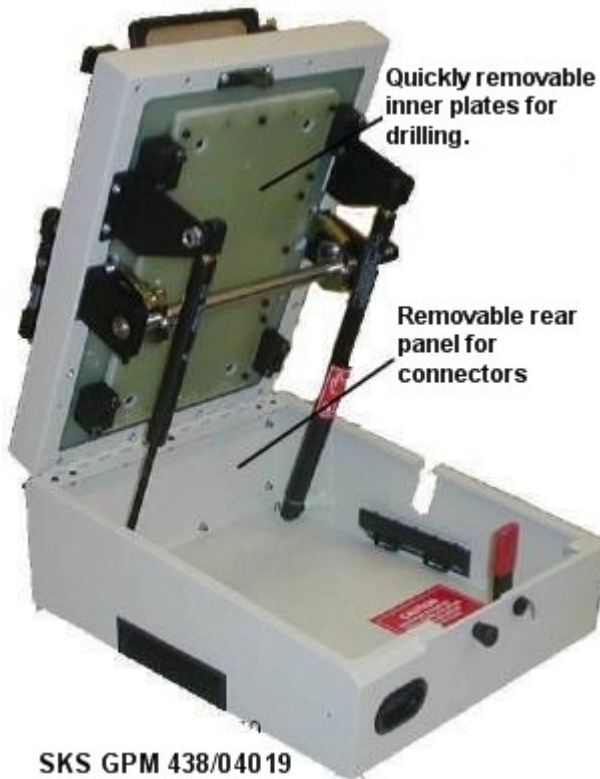


SKS GPM 438/04019

All GPM kits use the standard ECT hold down gate



SKS Pneumatic Dual Well 438/04014



SKS GPM 438/04019



SKL GPM 438/00108



SKS pneumatic GPM 438/1005

Cassette option showing fitting

Showing the 3 dual access pins and the floating upper plate



SKM GPM dual access 438/00102



Adding interfaces, customer specified pan depths, special cut outs are the norm and often do not effect the price only the delivery by about 2- working days.

Versions:

We will offer a kit line mechanically and pneumatic driven. On both lines you will have the possibility to choose between a cassette type or a non cassette type of kit, with or without dual access (top probing) capabilities. The dual access version will have a upper probe plate mounted, a wiring safety cover (metal black) and 3 guiding pins/blocks. The non dual access version will have cross bars mounted instead of the probe plate to fit the hold down fingers.

Sizes:

The sizes available will be SKS, SKM and SKL. As the design is based on the very rigid and well accepted standard Hold down gate the UUT sizes more or less are the same mentioned in our standard ECT Fixture Catalogue for the non dual access Version. For the dual access Version you need to consider that you have to place 3 guiding pins to align the bottom and top probe plates. In addition to that transfer pins need to be considered.

Non Cassette type Max UUT

- SKS: 216x152 mm
- SKM: 216x356 mm
- SKL: 305x483 mm

(Note Dual Access Max UUT is reduced further by transfer pins and guiding pins/blocks)

Cassette type Max UUT

- SKM: 190x270 mm
- SKL: 290x395 mm

(Note Dual Access Max UUT is reduced further by transfer pins and guiding pins/blocks)



Maximum Number of Force:

- Mechanical driven: 150kg (e.g. 750 x 200gr. Probes)
- Pneumatic driven: 100kg at **5 bar** (e.g. 500 x 200gr. Probes)

Outside Dimensions:

- Small Size including pneumatic: Left to right = 325mm Front to back = 405mm Depth of frame, Front = 95mm Rear = 130mm. Highest point including gate = 230mm. Weight Approximately 16kg
- Small Size **Dual Well** including pneumatic: Left to right = 640mm Front to back = 405mm Depth of frame, Front = 95mm Rear = 130mm. Highest point including gate = 230mm. Weight Approximately 29kg
- Medium Size including pneumatic: Left to right = 525mm Front to back = 405mm Depth of frame, Front = 95mm Rear = 130mm. Highest point including gate = 230mm. Weight Approximately 22kg
- Large Size including pneumatic: Left to right = 665mm Front to back = 510mm Depth of frame, Front = 100mm Rear = 130mm. Highest point including gate = 230mm. Weight Approximately 35kg
- **NOTE** we are able to supply these kits with deeper or shallower frames we can also change the angle this only effects delivery not price, we would need an extra 5-10 days.
- **NOTE** we can also supply these kits as part of another system i.e. mounted on a GR2272 frame but these will be quoted on a individual basis.

Cassette exchange:

- Provided with each basic unit ECT will supply two handles. They are to be used as tools to lift/push the cassette out of the receiver. This makes changing the cassette easier as you have to consider the force of max. 6 x 96way interface connectors. 1 connector is delivered free with every kit.

Interface of the receiver:

- There is a removable 1mm thick painted steel panel at the rear of the fixture to this we will laser connector cut outs free of charge if you can supply a good drawing of your requirements at the time of the order.

Availability-lead time

- Mechanical SKS,SKM, SKL with or without cassette 5-7 days
- Pneumatic SKS,SKM,SKL with or without cassette 5-7 days
- Cassette SKM,SKL 2-3 days



Part Numbers and Descriptions

• **Mechanical:**

Description	Part#
◇ <u>SKS</u> without cassette dual access	438/04018
◇ <u>SKS</u> without cassette non dual access	438/04019
◇ <u>SKS</u> non cassette dual access Dual Well	438/04016
◇ <u>SKS</u> non cassette non dual access Dual Well	438/04017
◇ SKM with cassette dual access	438/00001
◇ SKM with cassette non dual access	438/00103
◇ SKM without cassette dual access	438/00102
◇ SKM without cassette non dual access	438/00104
◇ SKL with cassette dual access	438/00105
◇ SKL with cassette non dual access	438/00107
◇ SKL without cassette dual access	438/00106
◇ SKL without cassette non dual access	438/00108

• **Pneumatic (all are with 2 pneu. cylinders)**

- You will require a 24 volt supply at 24ma for the solenoids 2 wires are required for the single level and 4 wires for the dual level and a 5-6 bar air supply. The wiring of the solenoids are left to the customer but if you require cut outs in the pan we are able to do this free of charge but the delivery will be 5-10 days.

Description	Part#
◇ SKS without cassette dual access	438/10007
◇ SKS without cassette non dual access	438/10005
◇ SKS non cassette dual access Dual Well	438/04015
◇ SKS non cassette non dual access Dual Well	438/04014
◇ SKM with cassette dual access, dual level	438/00119
◇ SKM with cassette non dual access, dual level	438/00120
◇ SKM with cassette dual access	438/00111
◇ SKM with cassette non dual access	438/00113
◇ SKM without cassette dual access	438/00112
◇ SKM without cassette non dual access	438/00114
◇ SKL with cassette dual access, dual level	438/00711
◇ SKL with cassette non dual access, dual level	438/00712
◇ SKL with cassette dual access	438/00115
◇ SKL with cassette non dual access	438/00117
◇ SKL without cassette dual access	438/00116
◇ SKL without cassette non dual access	438/00118

• **Cassettes**

Description	Part#
◇ cassette SKM/dual access	438/00121
◇ cassette SKL /dual access	438/00122
◇ cassette SKM/non dual access	438/00123
◇ cassette SKL/non dual access	438/00124

• **Hold Down Fingers (use on dual access and when not using finger tracks)**

◇ Push down finger Board (dual access)	807378
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- ◇ Push down finger Stripper (dual access) 807377
- **Connectors**
- ◇ 96 way Connector Socket (receiver) 550/0019/000
Minimum 500 insertions
- ◇ 96 way Connector Plug (cassette) 550/0096/000
Minimum 200 insertions

We also produce various receivers and bespoke side access solutions please contact the factory for more details :-

