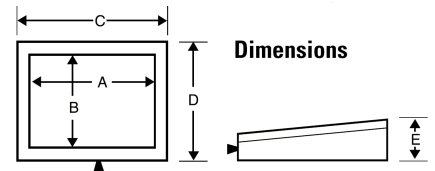


Micromatrix™ Fixtures for Teradyne Spectrum Testers

(Interface ordered separately)



Standard Spectrum 885X Fixture Kits

Model Number	Interface Nodes	Part Number	Max UUT size A x B in. (mm)	Overall Dimensions C x D x E in. (mm) Excluding Handles & Feet.	Weight lb. (kg)
MMS-885X-D 1280	1280	825923	12 x 8 (305 x 203)	16 x 12 x 5.5 (406 x 305 x 140)	20 (9.1)
MMM-885X-D 1280	1280	825924	16 x 12 (406 x 305)	20 x 16 x 5.5 (508 x 406 x 140)	22 (10)
MMM-885X-D 2560	2560	825926	16 x 12 (406 x 305)	20 x 16 x 5.5 (508 x 406 x 140)	22 (10)
MML-885X-D 1280	1280	825925	22 x 16 (559 x 406)	29.5 x 20.3 x 5.5 (749 x 514 x 140)	37 (16.8)
MML-885X-D 2560	2560	825927	22 x 16 (559 x 406)	29.5 x 20.3 x 5.5 (749 x 514 x 140)	37 (16.8)
MML-885X-D 5120	5120	825928	22 x 16 (559 x 406)	29.5 x 20.3 x 5.5 (749 x 514 x 140)	37 (16.8)

Interfaces for Spectrum 885X Fixture Kits

Model Number	Interface Nodes	Part Number
INTFC-885X-1280	1280	811663
INTFC-885X-2560	2560	811662
INTFC-885X-3840/5120	3840	811664
INTFC-885X-5120	5120	811661

**MICRO
MATRIX™**

Fixture Benefits

- ESD treated top plate surface for a resistive range of 10E6 to 10E11 ohms/sq.
- Probe and Top plates are manufactured from G10 with the tightest tolerance for flatness to improve targeting accuracy.
- Quarter-turn locks open easily for spring-assisted removal of top plate for service or diagnostics
- Quarter-turn locking mechanism secures top plate guide pins to the bearing shaft to maintain precise registration.
- Constant-load latch & flipper / safety stop, for elimination of pinch points, ensuring, safe opening and closure of the fixture.
- Handles are located at the best balance position for easy handling.



**TEST FIXTURES
GROUP**

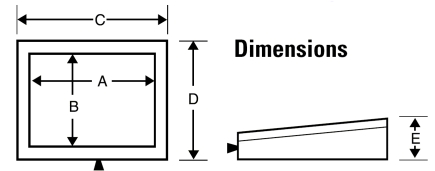
Fixture Options

- EC-1™ Short wire.
- Zeroflex™.
- Guided Probe.
- Dual Well Fixturing.
- Dual Access Fixturing.
- Dual Stage Fixturing.
- 3D Board Stress Analysis. (Free with Customized Fixtures)
- 3D Board Modeling. (Free with Customized Fixtures)
- Board-less Fixturing.
- LEDCHECK (True Colour Detection)
- Turnkey Solutions.
- DFT Analysis & Guidelines.
- Global Support.

Micromatrix™ Fixtures for Teradyne 18XX Testers (Interface Inclusive)



(* The Fixture displayed in the photograph is a Teradyne Spectrum Fixture Kit)



Standard Teradyne 18XX Fixture Kits (Supplied With Interface)

Model Number	Interface Nodes	Part Number	Max UUT size A x B in. (mm)	Overall Dimensions C x D x E in. (mm) Excluding Handles & Feet.	Weight lb. (kg)
MMS-800-D	320	825915	12 x 8 (305 x 203)	16 x 12 x 5.5 (406 x 305 x 140)	16 (7.3)
MMS-800-D-BW	640	810955	12 x 8 (305 x 203)	20 x 12 x 5.5 (508 x 305 x 140)	17 (7.8)
MMM-800-D	640	825916	16 x 12 (406 x 305)	20 x 16 x 5.5 (508 x 406 x 140)	20 (9.1)
MMM-800-D-BW	1024	825968	16 x 12 (406 x 305)	30 x 16 x 5.5 (762 x 406 x 140)	21 (9.6)
MML-800-D	1024	825917	22 x 16 (559 x 406)	30 x 21 x 5.5 (762 x 533 x 140)	25 (11.4)

Interfaces for Teradyne 18XX Fixture Kits

Model Number	Interface Nodes	Part Number
ZIP-800-1	320	804258
ZIP-800-2	640	804235
ZIP-800-3	1024	804161

**MICRO
MATRIX™**

Fixture Benefits

- ESD treated top plate surface for a resistive range of 10E6 to 10E11 ohms/sq.
- Probe and Top plates are manufactured from G10 with the tightest tolerance for flatness to improve targeting accuracy.
- Quarter-turn locks open easily for spring-assisted removal of top plate for service or diagnostics
- Quarter-turn locking mechanism secures top plate guide pins to the bearing shaft to maintain precise registration.
- Constant-load latch & flipper / safety stop, for elimination of pinch points, ensuring, safe opening and closure of the fixture.
- Handles are located at the best balance position for easy handling.



**TEST FIXTURES
GROUP**

Fixture Options

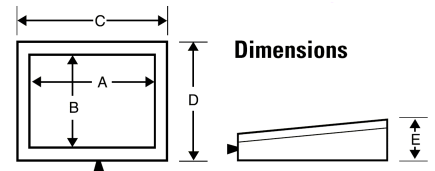
- EC-1™ Short wire.
- Zeroflex™.
- Guided Probe.
- Dual Well Fixturing.
- Dual Access Fixturing.
- Dual Stage Fixturing.
- 3D Board Stress Analysis. (Free with Customized Fixtures)
- 3D Board Modeling. (Free with Customized Fixtures)
- Board-less Fixturing.
- LEDCHECK (True Colour Detection)
- Turnkey Solutions.
- DFT Analysis & Guidelines.
- Global Support.

Micromatrix™ Fixtures for GenRad 228X Testers

(Interface ordered separately)



(* The Fixture displayed in the photograph is a Teradyne Spectrum Fixture Kit)



Standard GenRad 228X Fixture Kits

Model Number	Interface Nodes	Part Number	Max UUT size A x B in. (mm)	Overall Dimensions C x D x E in. (mm) Excluding Handles & Feet.	Weight lb. (kg)
MMS-228X-D	1536	825903	12 x 8 (305 x 203)	16 x 12 x 4 (406 x 305 x 102)	16 (7.3)
MMM-228X-D	1536	825904	16 x 12 (406 x 305)	20 x 16 x 4 (508 x 406 x 102)	20 (9.1)
MML-228X-D	3840	825905	22 x 16 (559 x 406)	32 x 20 x 5.5 (813 x 508 x 140)	25 (11.4)

Interfaces for GenRad 228X Fixture Kits

Model Number	Interface Nodes	Part Number
IP-2272-1 (1-7 Small)	512	800501
IP-2272-3 (1-11 Small)	1024	729950
IP-2272-5 (1-15 Small)	1536	729951
IP-2272-10 (1-33 Large)	3840	729949

**MICRO
MATRIX™**

Fixture Benefits

- ESD treated top plate surface for a resistive range of 10E6 to 10E11 ohms/sq.
- Probe and Top plates are manufactured from G10 with the tightest tolerance for flatness to improve targeting accuracy.
- Quarter-turn locks open easily for spring-assisted removal of top plate for service or diagnostics
- Quarter-turn locking mechanism secures top plate guide pins to the bearing shaft to maintain precise registration.
- Constant-load latch & flipper / safety stop, for elimination of pinch points, ensuring, safe opening and closure of the fixture.
- Handles are located at the best balance position for easy handling.

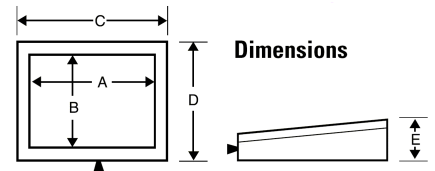


**TEST FIXTURES
GROUP**

Fixture Options

- EC-1™ Short wire.
- Zeroflex™.
- Guided Probe.
- Dual Well Fixturing.
- Dual Access Fixturing.
- Dual Stage Fixturing.
- 3D Board Stress Analysis. (Free with Customized Fixtures)
- 3D Board Modeling. (Free with Customized Fixtures)
- Board-less Fixturing.
- LEDCHECK. (True Colour Detection)
- Turnkey Solutions.
- DFT Analysis & Guidelines.
- Global Support.

Micromatrix™ Modular Hold Down Gate



Standard Modular Hold Down Gates

Model Number	Part Number	Usable Working Area A x B in. (mm)	Overall Dimensions C x D x E in. (mm) Excluding Handles & Feet.	Fixture Size
MG-S	816901	10.346 x 7.335	12.021 x 9.01 x 4	MMS
MG-M	816900	15.021 x 11.325	16.696 x 13 x 4	MMM
MG-L	816903	21.021 x 15.325	22.696 x 17 x 4	MML
MG-XL	816905	23.935 x 18.907	25.541 x 20.543 x 4	MMXL
MG-L-3070	816906	24.786 x 13.233	26.461 x 14.908 x 4	MML 3070
MG-M-3070	816902	10.346 x 12.725	12.021 x 14.4 x 4	MMM 3070
MG-M90	816909	11.106 x 14.533	12.781 x 16.208 x 4	M3070 / I9K

Standard Modular Gate Accessories

Please contact your nearest ECT facility for our full range of Hold Down Gate accessories. The following items are offered as standard for all Modular Hold Down Gates:

- High Component Conversion Kits. ESD treated, Lexan pusher plates and mounting tracks for UUT's with tall components fitted.
- Low Component Conversion Kits. ESD treated, Lexan pusher plates and mounting tracks for UUT's with short components fitted.
- Various lengths and diameters of push fingers.
- Lexan or Metal Hold Down Gate Safety Covers. (To protect topside wiring and hardware.)
- Stiffener Plates & Vacuum Isolation Seals. (Twin-seals)



Fixture Benefits

- ESD treated top plate surface for a resistive range of 10E6 to 10E11 ohms/sq.
- Probe and Top plates are manufactured from G10 with the tightest tolerance for flatness to improve targeting accuracy.
- Quarter-turn locks open easily for spring-assisted removal of top plate for service or diagnostics
- Quarter-turn locking mechanism secures top plate guide pins to the bearing shaft to maintain precise registration.
- Constant-load latch & flipper / safety stop, for elimination of pinch points, ensuring, safe opening and closure of the fixture.
- Handles are located at the best balance position for easy handling.



TEST FIXTURES GROUP

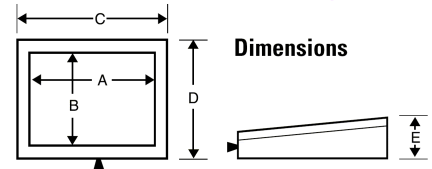
Fixture Options

- EC-1™ Short wire.
- Zeroflex™.
- Guided Probe.
- Dual Well Fixturing.
- Dual Access Fixturing.
- Dual Stage Fixturing.
- 3D Board Stress Analysis. (Free with Customized Fixtures)
- 3D Board Modeling. (Free with Customized Fixtures)
- Board-less Fixturing.
- LEDCHECK. (True Colour Detection)
- Turnkey Solutions.
- DFT Analysis & Guidelines.
- Global Support.

TEST FIXTURE GROUP



VCII - Modular Vacuum Cover



Standard Modular Vacuum Covers

Model Number	Part Number	FIXTURE SIZE	Max UUT size A x B in.	Overall Dimensions C x D x E in.
VCII-S	819911	MMS	9.5 x 8.8	12.24 x 10.94
VCII-M-ST	819900	MMM-ST	6.8 x 10.2	8.78 x 12.13
VCII-3070-M/L-ST	819902	MMM-3070/L-ST	9.8 x 15.3	12.51 x 17.36
VCII-M	819910	MMM	13.9 x 12.6	16.68 x 14.96
VCII-XM-3070-ST	819901	MMXM-3070-ST	6.2 x 13.6	9.01 x 15.75
VCII-XM-3070-IN	819904	MMXM-3070-IN	14.9 x 11.78	17.68 x 13.8
VCII-XM-3070-OUT	819905	MMXM-3070-OUT	15.1 x 15.4	17.68 x 17.36
VCII-L-3070/2030	819906	MML-3070	24.6 x 15.3	27.31 x 17.36
VCII-L	819909	MML	20.0 x 16.6	22.71 x 18.98
VCII-XL-3070-ST	819903	MMXL-3070-ST	9.5 x 16.6	12.24 x 22.6
VCII-XL/XL-3070	819907	MMXL-3070/MMXL	23.7 x 20.5	26.49 x 22.6

Push Fingers

Model Number	Interface Nodes
Finger 1.065" Tapered	812092
Finger 1.190" Tapered	812090
Finger 1.250" Straight	812091

**MICRO
MATRIX™**

Fixture Benefits

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- Quarter-turn locking mechanism secures top plate guide pins to the bearing shaft to maintain precise registration.
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- Handles are located at the best balance position for easy handling.



**TEST FIXTURES
GROUP**

Fixture Options

- EC-1™ Short wire.
- Zeroflex™.
- Guided Probe.
- Dual Well Fixturing.
- Dual Access Fixturing.
- Dual Stage Fixturing.
- 3D Board Stress Analysis. (Free with Customized Fixtures)
- 3D Board Modeling. (Free with Customized Fixtures)
- Board-less Fixturing.
- LEDCHECK (True Colour Detection)
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- DFT Analysis & Guidelines.
- Global Support.

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