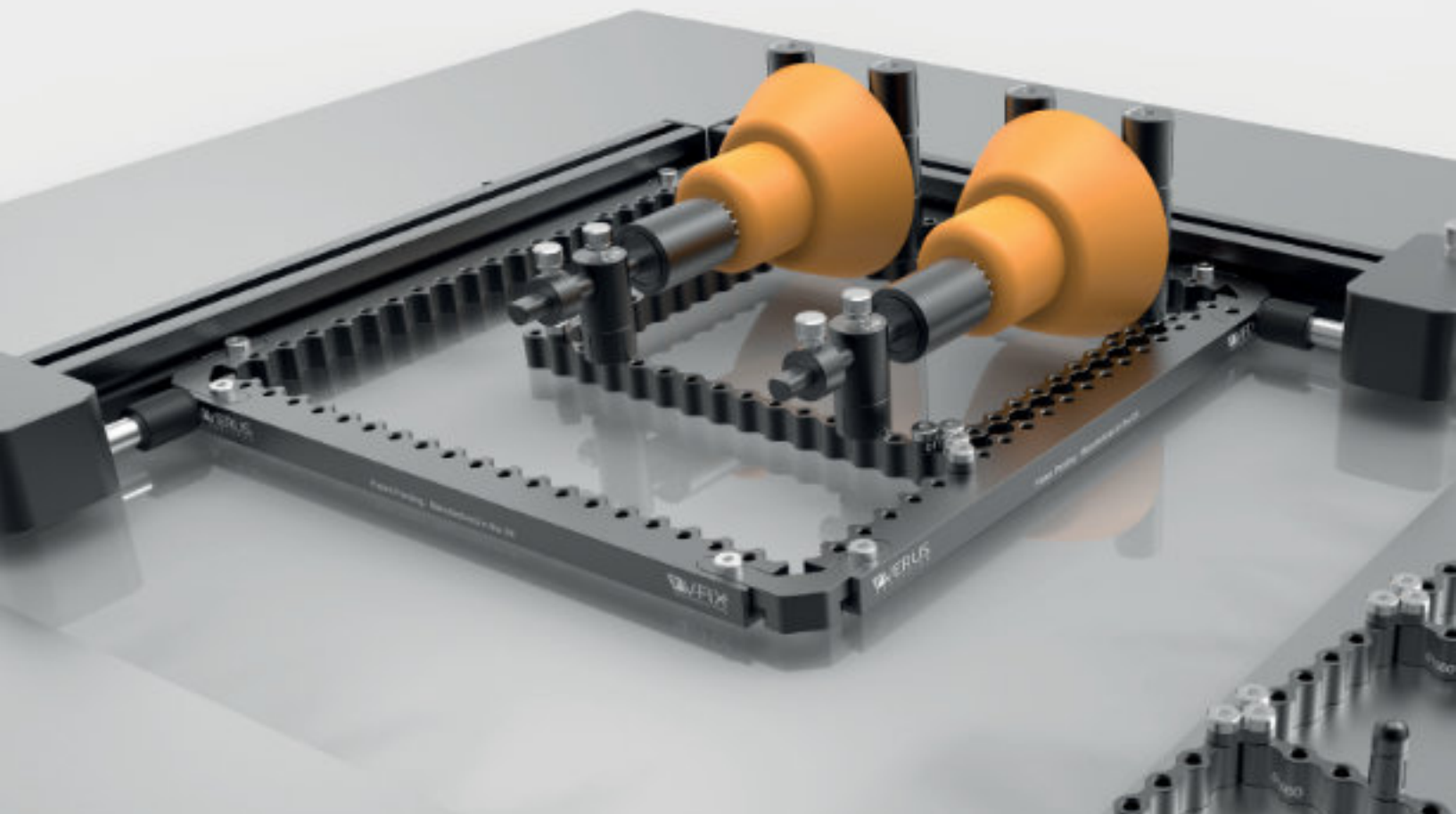


V-FIX⁴TM

MODULAR METROLOGY FIXTURES



CATALOGUE 2020

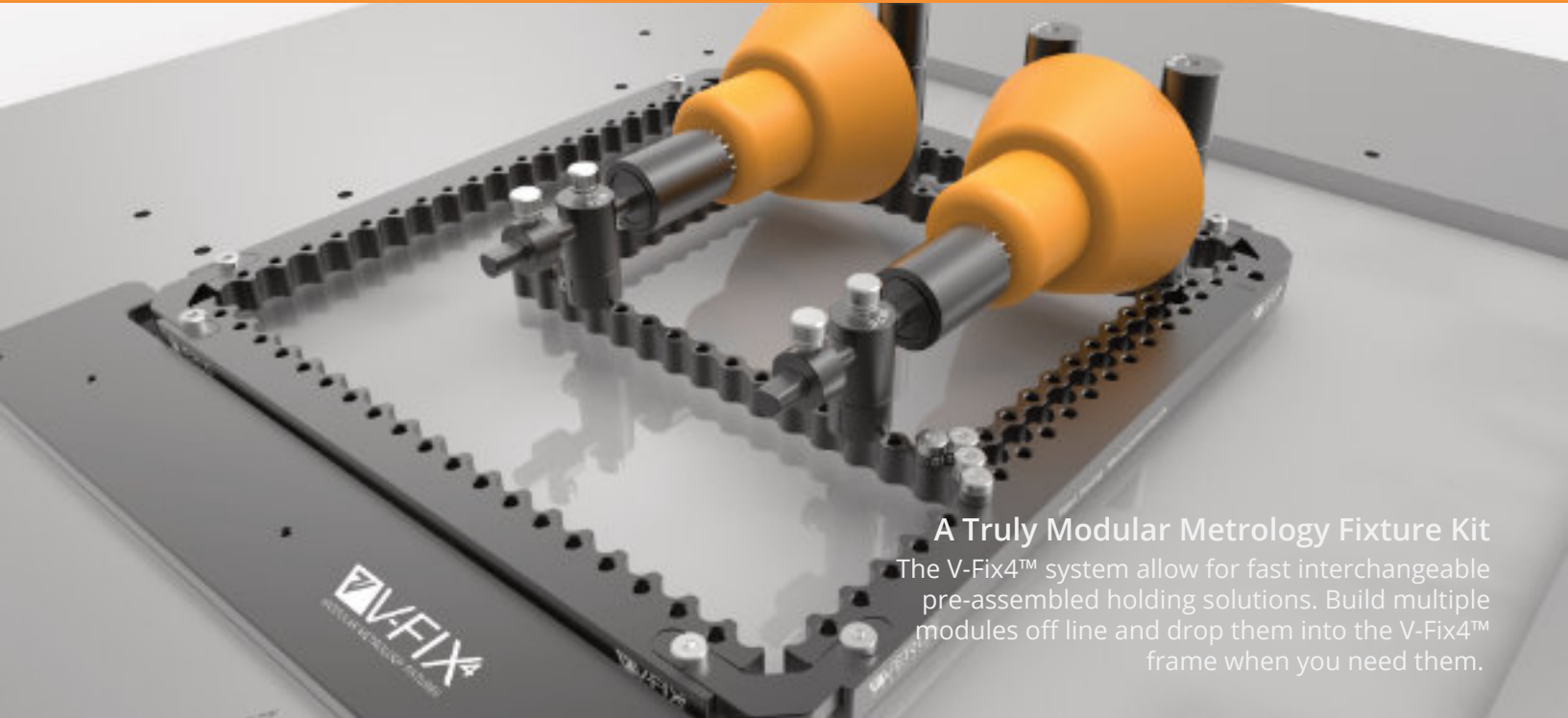
Issue 1



A Verus Metrology Partners Product

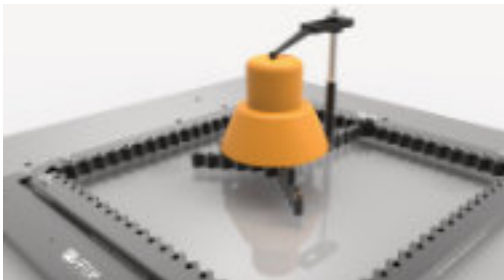
Designed and Manufactured in the UK and Ireland

Patent: www.verusmetrology.com/patent



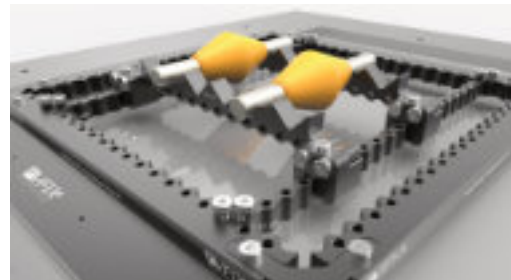
A Truly Modular Metrology Fixture Kit

The V-Fix4™ system allow for fast interchangeable pre-assembled holding solutions. Build multiple modules off line and drop them into the V-Fix4™ frame when you need them.



Maximum Measurement Access

Minimum visual interference due to the unique skeletal system design which requires no base plate.



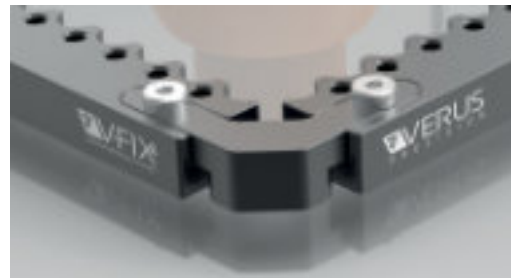
Completely Flexible

All system components can be assembled in multiple orientations and configurations.



Scalable to Your Specification

Modular design allows rapid extension of kit scale and functionality to accommodate multiple machine and component geometries.



High Quality Precision Manufacture

Hard anodised aluminium construction for durable, robust and repeatable use. Designed and manufactured in the UK and Ireland.



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Pricing

Kit	Size	Price
1515	150x150mm	€2,110.00
2015	200x150mm	€2,140.00
2020	200x200mm	€2,145.00
3015	300x150mm	€2,180.00
3020	300x200mm	€2,200.00
3030	300x300mm	€2,255.00

All kits include:

Product Name	Part Number	Size	1515 Kit	2015 Kit	2020 Kit	3015 Kit	3020 Kit	3030 Kit
			Qty	Qty	Qty	Qty	Qty	Qty
Outer Rail	4-001	150mm	4	2	0	2	0	0
Outer Rail	4-002	200mm	0	2	4	0	2	0
Outer Rail	4-003	300mm	0	0	0	2	2	4
Inner Rail	4-004	50mm	6	6	6	6	6	6
Inner Rail	4-005	100mm	4	4	4	4	4	4
Inner Rail	4-006	150mm	2	2	0	2	0	0
Inner Rail	4-007	200mm	0	0	2	0	2	0
Inner Rail	4-008	300mm	0	0	0	0	0	2
Vee Rails	4-009	150mm	2	2	2	2	2	2
Outer Rail Corner Connectors	4-010		4	4	4	4	4	4
Inner Connectors	4-011	2 Hole	12	12	12	12	12	12
Inner Connectors	4-012	3 Hole	12	12	12	12	12	12
Inner Connectors	4-013	4 Hole	4	4	4	4	4	4
Upstands	4-015	Ø7x20mm	6	6	6	6	6	6
Upstands	4-016	Ø7x15mm	6	6	6	6	6	6
Upstands	4-017	Ø7x10mm	6	6	6	6	6	6
Upstands	4-018	Ø15x20mm	4	4	4	4	4	4
Upstands	4-019	Ø15x15mm	4	4	4	4	4	4
Upstands	4-020	Ø15x10mm	4	4	4	4	4	4
Dome Head Pin	4-021	Ø7 Full Rad	4	4	4	4	4	4
Adjustable Jill Stand	4-022	Ø15x20-30mm	2	2	2	2	2	2
Pogo Multi-Clamp	4-023	90°x25 Pin	1	1	1	1	1	1
Convertor Block	4-024	90°	4	4	4	4	4	4
Adjustable Peek Clamp	4-026	Variable	6	6	6	6	6	6
Clamp Post	4-027	45mm	6	6	6	6	6	6
Corner Dock		Machine Specific	*	*	*	*	*	*

*Optional



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What they do



Outer Rails

The Outer Rails come in four sizes; 150mm, 200mm, 250mm and 300mm which can be assembled to suit all measurement machine types.



Inner Rails

The Inner Rails come in sizes ranging from 50mm to 300mm stepping in 50mm increments.



Inner Vee Rail

The Inner Vee Rail is 150mm and consists of 6 chambers. Combined with the Converter both horizontal and vertical options are possible.



Horizontal Pogo

Completely unique to the V-FIX⁴™ system is our Horizontal Pogo. The Horizontal Pogo facilitates clamping on complex geometries as each pin can move independently.



Adjustable Peek Clamp

The Adjustable Peek Clamp allows a multitude of positioning scenarios, while the Peek material is both flexible and non-abrasive to the component being held.



Clamp Post

The Clamp Post is used in conjunction with the Adjustable Peek Clamp and if needed the Upstands to reach any height and position needed.

What they do



Adjustable Centres

The V-FIX4™ Centres are sprung loaded with the centres being interchangeable to accommodate component variation. Comes with 2 sets of centres.



Jill Stand

The V-FIX4™ Jill Stand allows varying height positions which can be locked once set.

Ø15 X 25-30mm



Upstands Ø7mm

Available in the sizes below the Upstands can be used across the entire V-FIX4™ system.

Ø7 X 10mm - Ø7 X 15mm - Ø7 X 20mm



Upstands Ø15mm

Available in the sizes below the Upstands can be used across the entire V-FIX4™ system.

Ø15 X 10mm - Ø15 X 15mm - Ø15 X 20mm



Convertor

Converts any horizontal module to a vertical orientation and can be used across the entire V-FIX4™ system.



Dome Head Pin

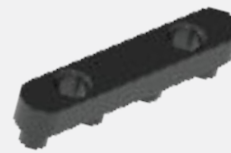
Allows single point contact for component setup.

Ø7 X 6.5mm

What they do



Corner Connector
The Corner Connector allows repeatable assembly of the Outer Rails system.



Straight Connector
The Straight Connector allows repeatable assembly and expansion of the Outer Rail system.



2 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



3 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



4 Slot Connector
Used to secure all V-FIX⁴™ assemblies.



Corner Dock
Our proprietary Corner Dock system can be used to dock a V-FIX⁴™ into a corner of your measurement system*.

*Machine must be specified



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