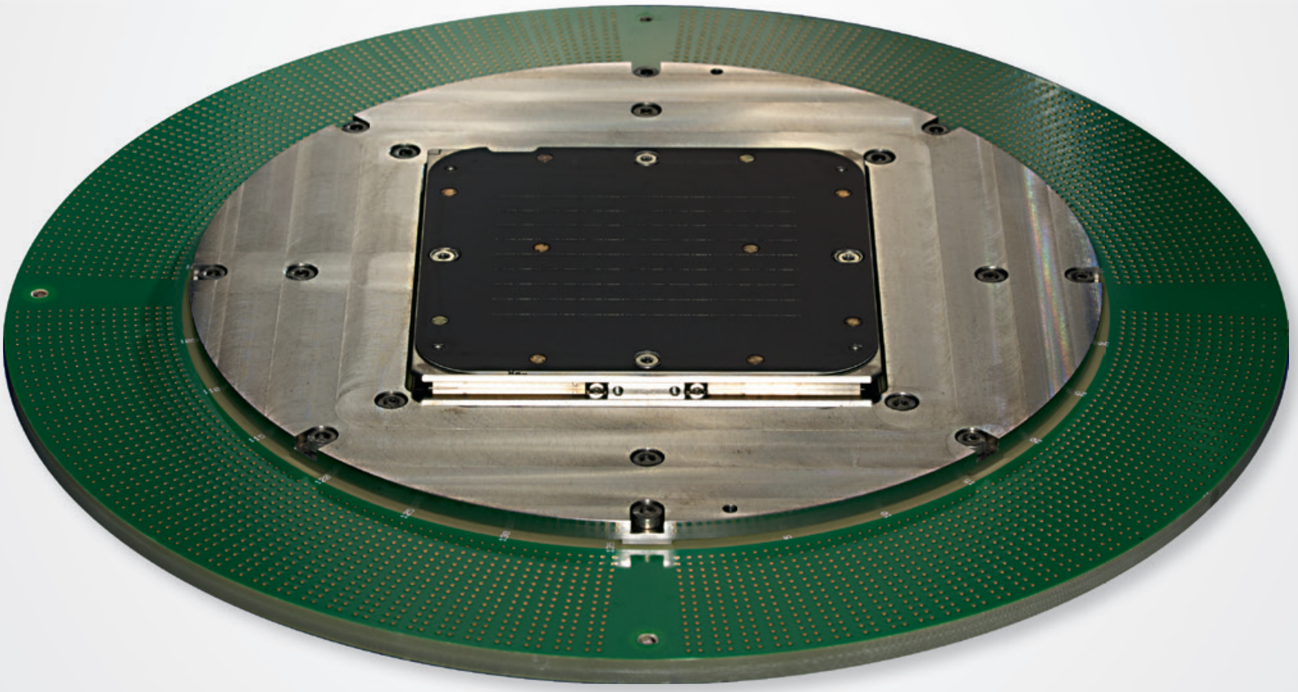
Direct Attach ViProbe® Series

Probe Cards for Wafer Test



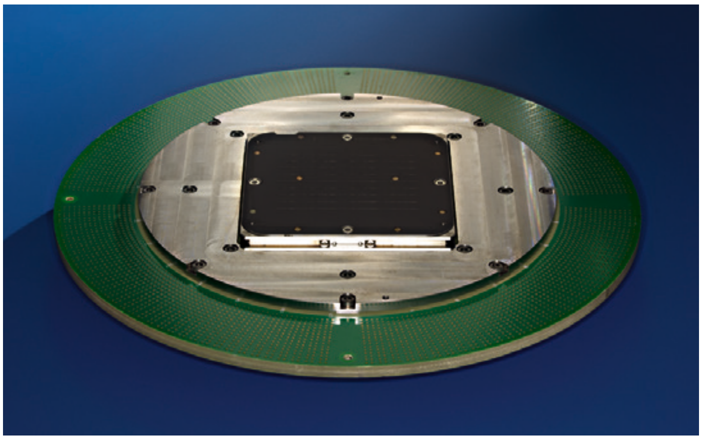
50 YEARS
Good Contacts

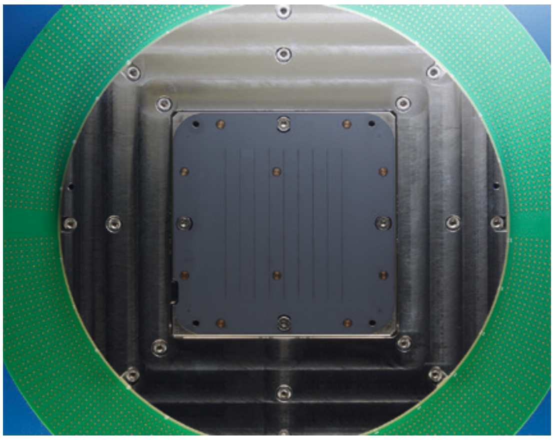
FEINMETALL
Contact Technologies

Direct Attach ViProbe® Series

FEINMETALL Direct Attach ViProbe® Series represents a technology in advanced wafer probing.
Our Direct Attach ViProbe® Series is designed for high performance and high pin count probe cards.

These products provide the capability for substantial time- and cost- savings in wafer testing.





7 good reasons for using Direct Attach ViProbe® Series – the Vertical Probe Card Technology from FEINMETALL

- Excellent electrical performance
- Full wafer test possible
- Easy Maintenance & Service
- Easy exchange of needles
- Precise alignment over the entire lifetime
- Tolerates changing planarity conditions
- Made in Germany

Key Parameters D09 / D32 / D41 / D42	
Active Area:	from 17x17mm (D41) to 80x80mm (D09) or Ø 213 mm (D32)
Tester:	Teradyne J750, µFlex Advantest V93000 all other testers possible
Pitch:	min 72µm
Test Points:	up to 10.000
Temperature:	-40°C...+180°C

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Release May 2014

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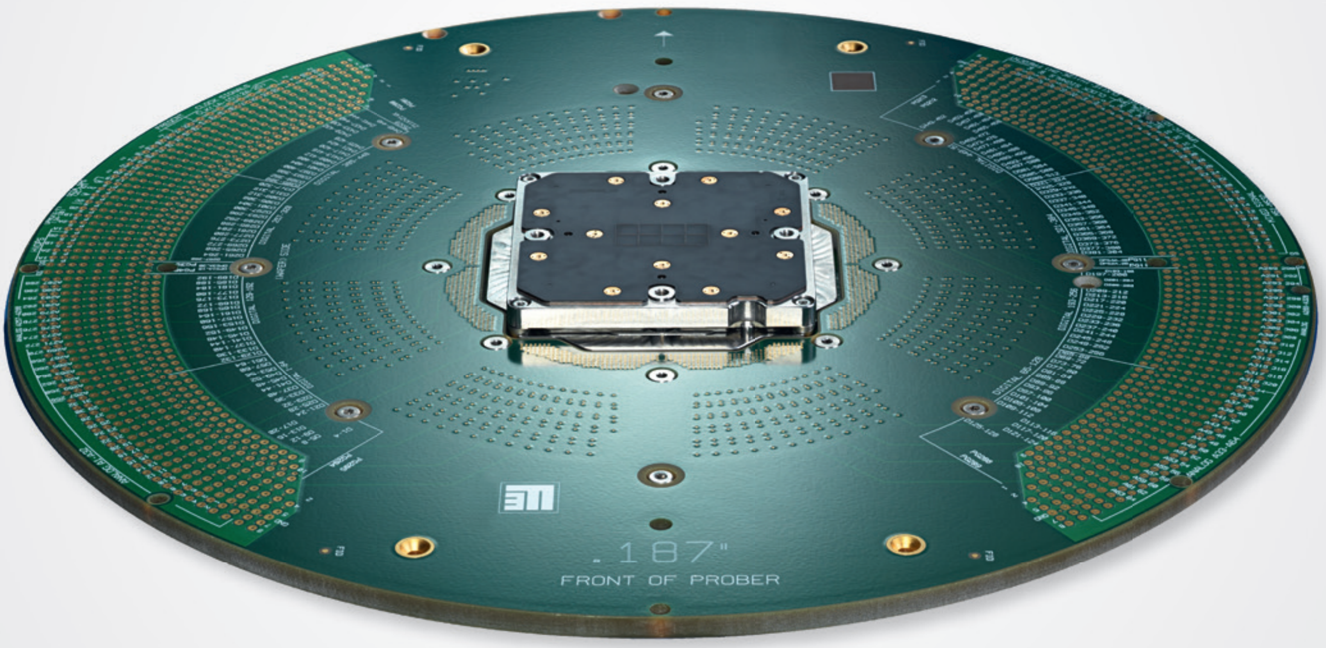
ViProbe® Space Transformer Series

Probe Cards for Wafer Test



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YEARS
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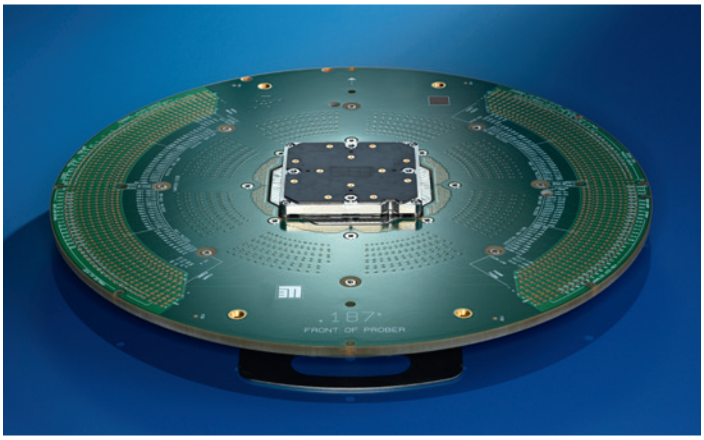
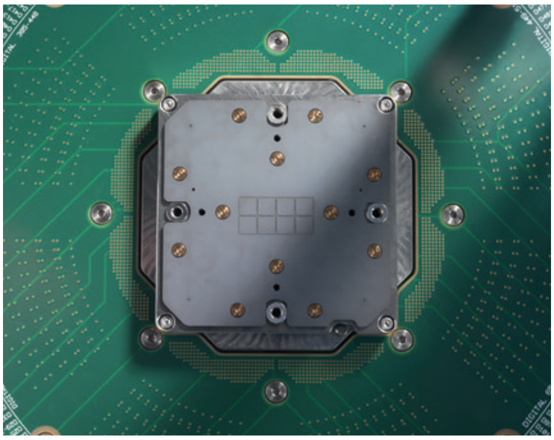
ViProbe® Space Transformer Series

FEINMETALL ViProbe® Space Transformer Series represents a leading technology in advanced wafer probing. The advantages of our ViProbe® Space Transformer Series are excellent electrical performance, high pin count-, high parallel testing as well as excellent temperature behaviour.

ViProbe® Space Transformer Series products are based on MLC and MLO Technology. These products provide the capability for substantial time- and cost- savings in wafer testing.





7 good reasons for using ViProbe® Space Transformer Series the Vertical Probe Card Technology from FEINMETALL

- → Excellent electrical performance
- → Easy Maintenance & Service
- → Easy exchange of needles
- → Precise alignment over the entire lifetime
- → Excellent temperature behaviour
- → Minimum impact on the bond pad
- → Tolerates changing planarity conditions

Key Parameters M22 / M23 / S22 / S23 / S24	
Active Area:	40x40mm (M22/M23/ S22/S23) 50x80mm (S24)
Tester:	Teradyne J750, µFlex Advantest V93000 other testers on request
Pitch:	min 56µm
Test Points:	up to 10 000
Temperature:	-40°C...+180°C

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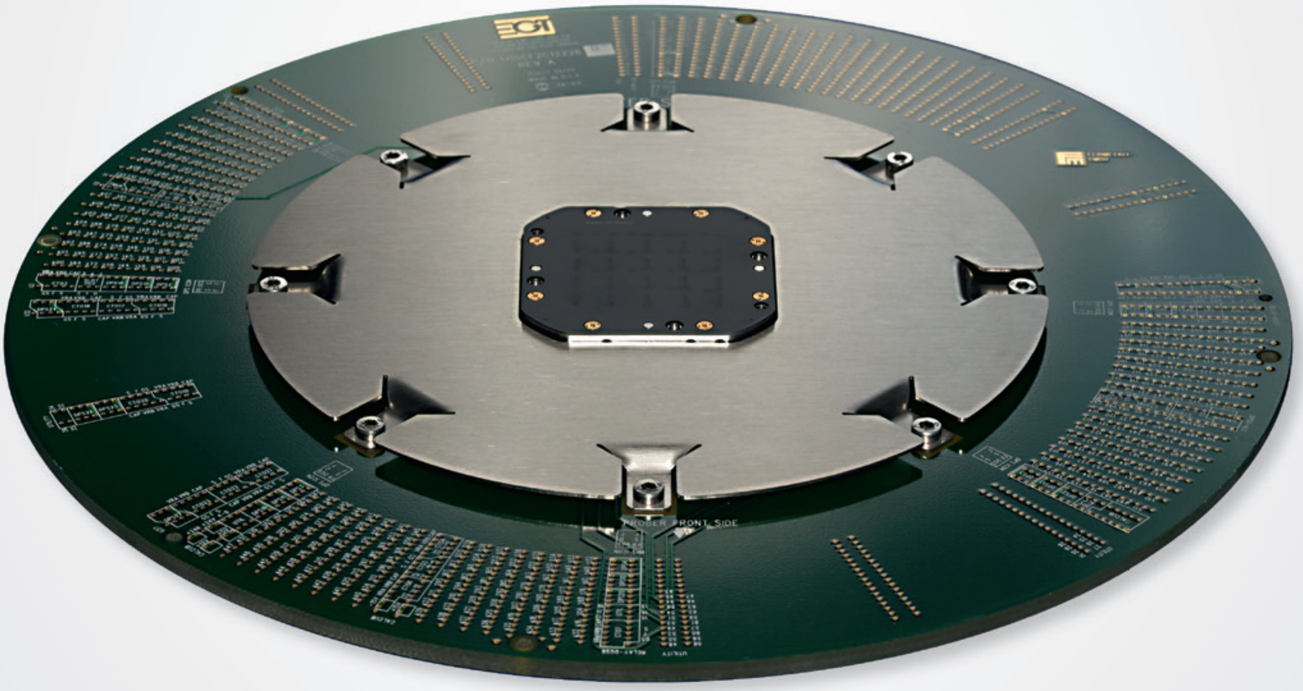
ViProbe® Wired Series

Probe Cards for Wafer Test



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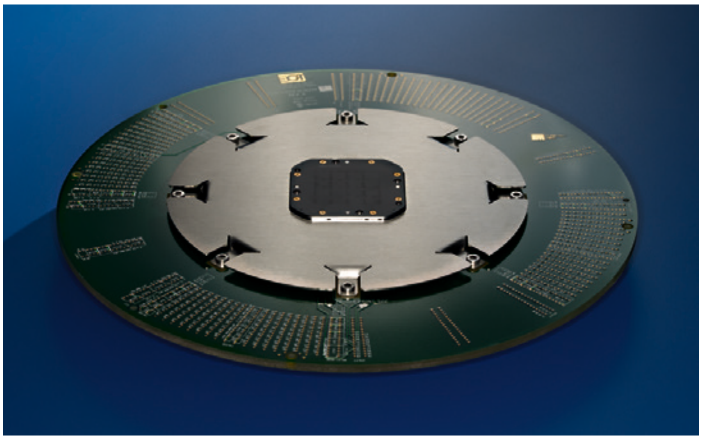
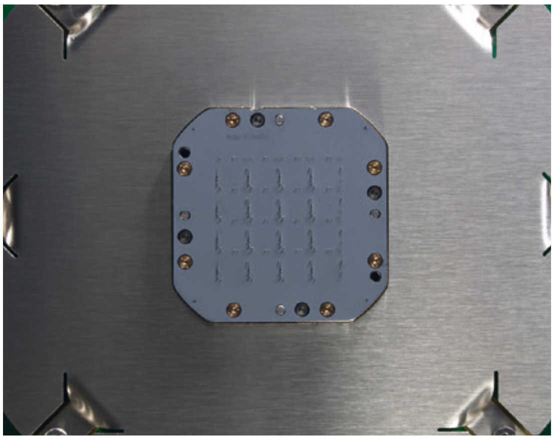
ViProbe® Wired Series

FEINMETALL ViProbe® Wired Series represents a technology in advanced wafer probing. The advantages of our ViProbe® Wired Series are fast lead time, high flexibility as well as flexible probe tip depth.

ViProbe® Wired Series products are based on Wired Version Technology. These products provide the capability for substantial time- and cost- savings in wafer testing.





7 good reasons for using ViProbe® Wired Series the Vertical Probe Card Technology from Feinmetall

- → Fast lead time and flexibility
- → Easy Maintenance & Service
- → Easy exchange of needles
- → Precise alignment over the entire lifetime
- → Excellent temperature behaviour
- → Minimum impact on the bond pad
- → Tolerates changing planarity conditions

Key Parameters W10 / W40 / W41 / W42 / W43	
Active Area:	from 9 x 10 mm (W40) to 45x45mm (W43)
Tester:	Teradyne J750, µFlex Advantest V93000 all other testers possible
Pitch:	min 56µm
Test Points:	up to 3.500
Temperature:	-40°C...+180°C

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