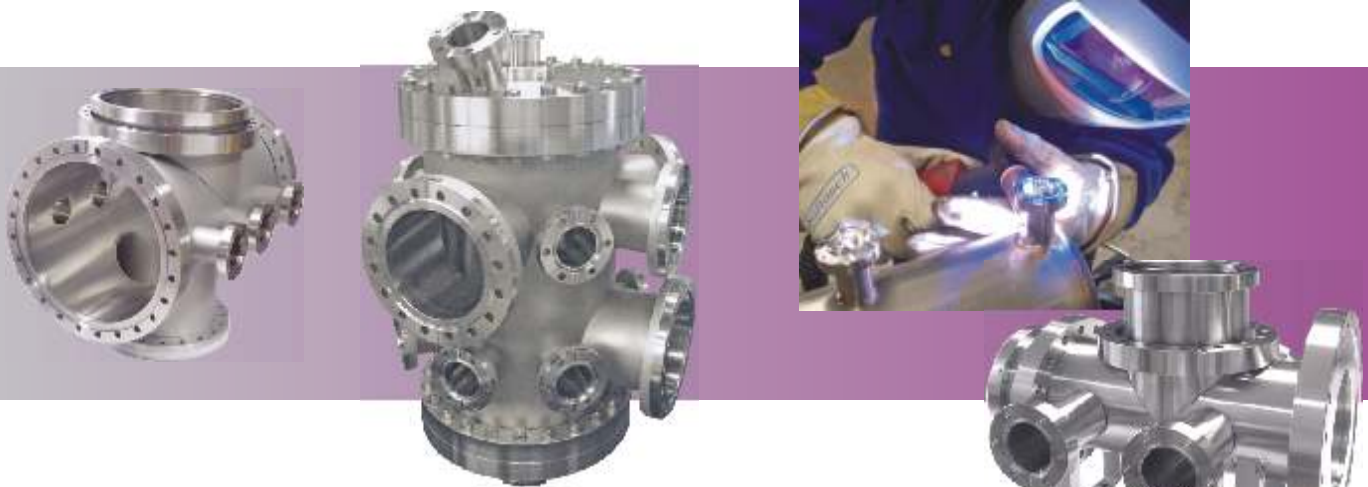


## Vacuum Chambers for HV and UHV Customized to Your Requirements

- Cylindrical, spherical and rectangular chambers
- Stainless steel 304 or 316L



- Engineering and CAD design
- Precision turning, milling and welding
- Surface finishes - glass bead blasting, electropolishing . . .
- Leak test with protocol

On request:

- 316LN-ESR flanges
- Bakeout, in-house residual gas analysis
- Double-walled, optional water cooling
- Assembly of feedthroughs, valves etc.
- Frames of ITEM profiles



# AMETEK® Quadrupole Mass Spectrometers for Process Control and Quality Assurance

- Quick, precise qualitative and quantitative gas analysis



- Mass number 1 - 100 amu (optional 1 - 200 or 1 -300 amu)
- Minimal detectable partial pressure  $5 \times 10^{-12}$  mbar with Faraday cup detector (opt. with SEV  $5 \times 10^{-14}$  mbar)
- Measurement of up to 32 gas components with specified concentration
- Easy to use software for measurement and analysis



## VACOM Service for Residual Gas Analysis

- Qualified outgassing measurement
- Residual gas analysis also with controlled probe heating
- Root cause identification of pressure increase in vacuum systems
- Characterisation of outgassing behaviour of vacuum components



- Technical advice and training
- Maintenance and repair

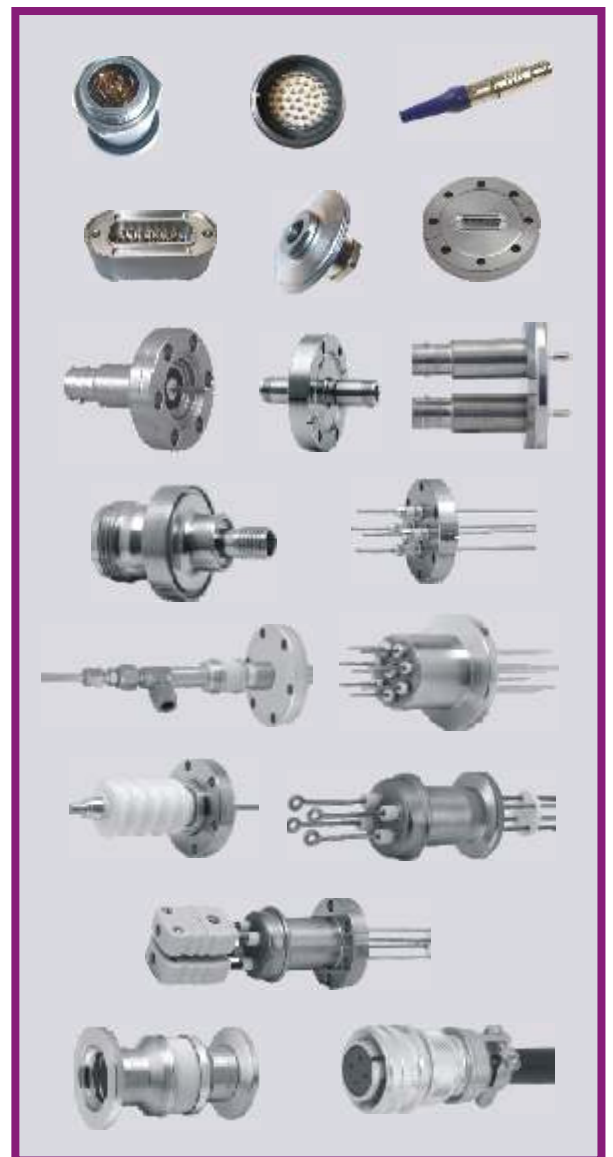
[www.vacom-vacuum.com](http://www.vacom-vacuum.com)

# Electrical Feedthroughs for HV and UHV

- Comprehensive choice on more than 180 catalogue pages
- Welding service and special flanges according to your demands



- **Multipin feedthroughs**
  - Circular connectors
  - Compact power feedthroughs
  - SUB D feedthroughs
- **Coaxial feedthroughs**
  - SMA subminiature type A
  - Type N and HN
  - BNC, MHV and SHV
- **High power and high voltage feedthroughs**  
to 1000 A and to 100 kV
- **Thermocouple feedthroughs**
- **Plugs, insulators and accessories**



# KF Vacuum Components



## KF Blank flanges, stainless steel 304

Special Prices

KF16BS-304	DN16KF	2.60 €
KF25BS-304	DN25KF	3.50 €
KF40BS-304	DN40KF	4.90 €
KF50BS-304	DN50KF	7.90 €

## KF Welding flanges, stainless steel 304

KF16B19-304	DN16KF	3.70 €
KF25B28-304	DN25KF	6.00 €
KF40B41-304	DN40KF	7.50 €
KF40B44-304	DN40KF	7.50 €
KF50B53-304	DN50KF	8.90 €
KF50B57-304	DN50KF	8.90 €

## KF Clamp rings, aluminium

KF16C	DN16KF	2.60 €
KF25C	DN25KF	3.00 €
KF40C	DN40KF	3.40 €
KF50C	DN50KF	5.90 €

## KF Tubulations (half nipples), stainless steel 304

TU16K20-304	DN16KF	5.90 €
TU16K30-304	DN16KF	6.80 €
TU25K20-304	DN25KF	6.80 €
TU25K30-304	DN25KF	7.90 €
TU40K20-304	DN40KF	9.00 €
TU40K30-304	DN40KF	10.90 €

## KF Tees, stainless steel 304

TE16K-304	DN16KF	31.80 €
TE25K-304	DN25KF	33.60 €
TE40K-304	DN40KF	45.50 €
TE50K-304	DN50KF	55.80 €

## SUB D Electrical Vacuum Feedthroughs

Plugs on both sides, 500 V, 5 A, Type: MIL-C-24308

### SUB D Feedthroughs

- 9, 15, 25 and 50 pins
- St. steel, gold plated contacts
- Insulator: glass ceramics
- Temperature: -269 to 450 °C

Contacts

W-SUBD-9-DE-CE-SSG	9	217.00 €
W-SUBD-15-DE-CE-SSG	15	235.00 €
W-SUBD-25-DE-CE-SSG	25	260.00 €
W-SUBD-50-DE-CE-SSG	50	335.00 €

Weldable on customer request

### SUB D Plugs (female), atmosphere- / vacuum side

- Insulator: PEEK
- Contacts: copper alloy, gold plated
- Temperature: -269 to 200 °C

PLUG-SUBD-9-P-CL	9	140.00 €
PLUG-SUBD-15-P-CL	15	160.00 €
PLUG-SUBD-25-P-CL	25	175.00 €
PLUG-SUBD-50-P-CL	50	285.00 €

All prices indicated on this page are valid till 30.06.2010 and do not include VAT, transportation and packing from Jena. Please note that the minimum order value is 100.00 €. Please find the current prices of other products on our website. In addition we would be pleased to send you an individual offer.

You can order a wide range of vacuum components also most conveniently through our online-shop:

[www.vacom-shop.com](http://www.vacom-shop.com)

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