

# Vacuum components

All CF-components are CF40!

## Vacuum pump/controller/H.V. cable

Company: Agilent Technologies

### Pump

- Typ: VACION PLUS 40 STARCELL PUMP BASIC PUMP [Number: 9191240](<http://www.agilent.com/en-us/products/vacuum-technologies/high-vacuum-pumps/ion-pumps/vacion-plus-40>)
- Catalog:  
agilent\_catalog\_06\_ion\_section\_120.pdf
- Manual:  
vacion\_plus\_40-55-75\_pumps\_user\_manual.pdf
- Heater for Medium VIP Instructions:  
heater\_for\_medium\_vip\_instructions.pdf
- Auto Cad:  
<http://www.agilent.com/cs/common/plusimages/Vaclon-Plus-40-Ion-Pump-outline-drawing.png>
- Other informations: "Die einzigen Einflussgrößen auf die Stabilität des Druckes sind Gaslast und Ausgasung (eigentlich auch zur Gaslast gehörend)."

### Controller

- Typ: MINIVAC, FISCHER HV CONNECTOR, EUROPEAN PLUG 220V [Number: 9290290]
- Manual:  
minivac\_0190\_1-0290\_1\_1\_.pdf

### H.V. cable

- Typ: HV BAKEABLE CABLE, RADIATION RESISTANT, 13 (4 M) LONG WITH INTERLOCK FOR PUMPS CARRYING F/T [Number: 9290705]
- Length: 4m
- Datasheet/Manual:  
hv\_radiation\_resistant\_cable\_with\_interlock-fischer\_instructions.pdf
- Grtound connection notice: This pump cable can be connected to the pump only after a separate ground connection ( $\approx 0.1\Omega$ ) is made from pump body to the ground.

# Vacuum sensor

Company: Pfeiffer Vacuum

## Sensor

- Typ: KR 270, metallgedichtet, DN 40 CF-F (Short version)(<https://www.pfeiffer-vacuum.com/de/produkte/messgeraete/activeline/activeline-transmitter/?detailPdold=3866>)
  - Manual:
    - German:  
[ikr270\\_cold-cathode\\_german.pdf](#)
    - English:  
[pfeiffer\\_cold\\_cath\\_gage\\_ikr\\_270\\_english.pdf](#)
  - Auto Cad:  
<https://static.pfeiffer-vacuum.com/productImages/de-DE/b01cee57-690b-11e6-80ca-005056950a30.png>

## Controller

- Typ: TPG 261 (2008/12), No: PTG28030,F-No: 44308384
- Datasheet/Manual:  
[pfeiffer\\_single\\_gauge\\_tpg261.pdf](#)

## Cable

- Typ: PT 448 250-T  
(<https://www.pfeiffer-vacuum.com/de/produkte/messgeraete/activeline/activeline-transmitter/?detailPdold=3381>)
- Length: 3m

# Vacuum valves

Company: VAT

## Gate valve

- Typ: Mini UHV gate valve, Series 010, DN 40  
(<http://www.vatvalve.com/de/business/valves/product?id=01032-CE01>)
- Ordering No.: 01032-CE01

- Datasheet:  
datasheet.pdf
- Installation, Operating & Maintenance Instructions:  
installation\_operating.pdf
- Auto Cad (2D):  
gate\_valve\_2d.pdf

## Angle valve

## Other vacuum CF-components

## Vacuum isolator

- Test report scan copy for vacuum compatible isolators:  
test\_report\_scan\_copy\_for\_vacuum\_compatible\_isolators.pdf

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Last update: 2017/01/18 15:44

