

eH200 Ion Source Hollow Cathode and Filament Part Catalog



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March 2016, Version A
Part Number: 9007-SPEH-0001*



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eH200 PARTS

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Transit Assembly
Part #: EH2-TRS



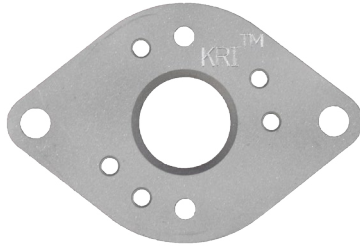
Anode Module
Part #: AM200-A-XXXX



Anode
Part #: EH2-14Z



Main Module
Part #: MM200-A-XXXX



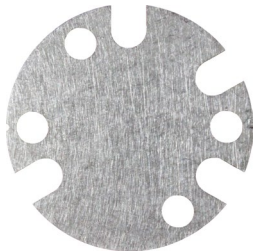
**Front Plate,
Filament**
Part #: EH2-01



**Front Plate,
Hollow Cathode**
Part #: EH2-01HC



Gas Distributor
Part #: EH2-09



Reflector (Steel)
Part #: EH2-12-S



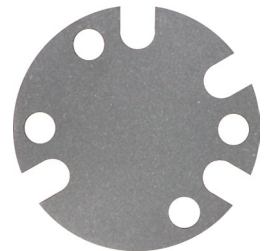
Reflector (Graphite)
Part #: EH2-12-C



**Reflector (High-Density
Graphite)**
Part #: EH2-12-CG



Reflector (Titanium)
Part #: EH2-12-TI



**Reflector (Tanta-
lum)**
Part #: EH2-12-TA



Anode Contact
Part #: EH2-16



**Screw, Socket,
Cap, 10-32 X 1",
Au Plated**
Part #: EH2-17



**Screw, Socket,
Button,
10-32 x .25"**
Part #: 5007-0061



**Screw, Socket,
Button,
10-32 x .50"**
Part #: 5007-0062



Small Knob
Part #: KS-02



**Washer #10,
Thin**
Part #: 5014-0005



**Insulator 10-32,
Male**
Part #: INS-10-32M



Sputter Cup, 10-32
Part #: 10-32SC



**Nut, Hex, 10-32,
Au Plated**
Part #: 5002-0015



**Nut, 10-32,
Vented Acorn**
Part #: Nut-02

eH200 PARTS

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Outer Cylinder
Part #: EH2-02



Connector Body
Part #: EH2-18



Back Plate
Part #: EH2-03



**Fitting, Union,
1/8" Tube**
Part #: 8000-0006



Support Collar
Part #: EH2-05



Anode Connector
Part #: EH2-06



**Screw, Button,
Socket, 10-32 x .75"**
Part #: 5007-0063



**Screw, Button, Socket,
6-32 x .1875"**
Part #: 5010-0115



**Hold Down Rod,
10-32 x 2.25"**
Part #: EH2-04



**Insulator 10-32,
Male, Short**
Part #: INS-10-
32MK-1



**Sputter Cup,
10-32, Special**
Part #: 10-32SCS



Nut, Hex, 10-32
Part #: 5002-0006



**Nut, Hex, 10-32
Small Pattern**
Part #: 5005-0006



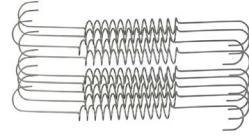
**Washer, Split
Lock, #10**
Part #: 5013-0005



**Hybrid Medium
Connector**
Part #: CMH-01



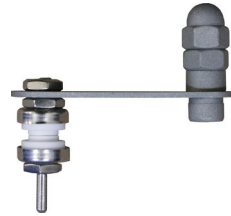
**Cathode Support,
Medium**
Part #: CSM-02



**Cathode Filament,
eH200, eH400**
Part #: HFM-A01



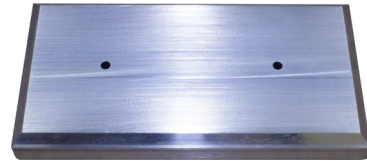
**Sidewinder Extension,
Assembly**
Part #: CSM-021A



**Cathode Support
Assy, Sidewinder**
Part #: CSM-02A



Gas Line, 1/8" x 30"
Part #: GAS-0001



Cathode Jig
Part #: EH4-19



Outer Cylinder
Part #: FM2-02



**Ion Source
Support**
Part #: FM2-03A



**Anode Connection,
Flange Mount**
Part #: FM2-06



**Insulator,
Cable End**
Part #: CBL-01



**Medium Connector,
Filament**
Part #: CM-02



**Connector, High
Temp**
Part #: CON-01-ALT



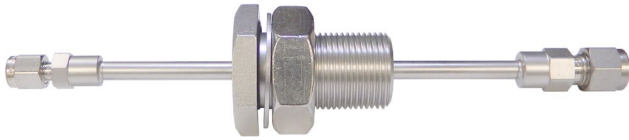
In-Line Connector
Part #: CON-2



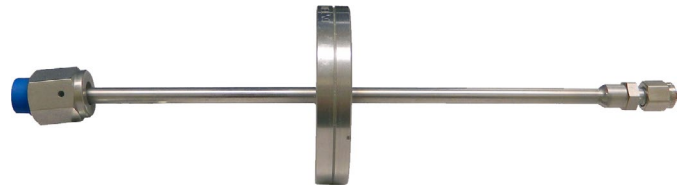
**Pin, 14-12 AWG,
Crimp, Male, #12**
Part #: 6004-0010

eH200 FEEDTHROUGHS

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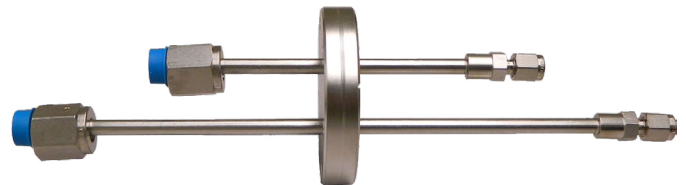
**Feedthrough, 1",
Single Gas**
Part #: FDT-29



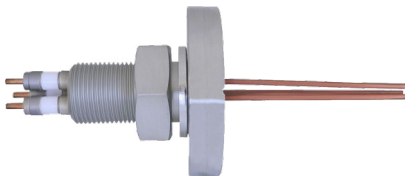
**Feedthrough, 2.75" CF, Dual
Gas VCR - 1/8" COMP**
Part #: FDT-26



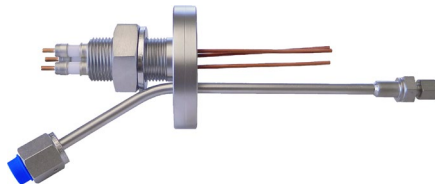
**Feedthrough, 1",
Dual Gas**
Part #: FDT-32



**Feedthrough, 2.75" CF, Dual
Gas VCR - 1/8" COMP**
Part #: FDT-24



**Feedthrough Assy, 2.75" CF,
Electrical, 3 Conductor**
Part #: FDT-29



**Feedthrough Sub Assy, 2.75" CF,
Elec 3-Cond/Gas - 1/4" VCR**
Part #: FDT-24



**Feedthrough
Collar**
Part #: FDT-12



**Feedthrough, 2.75" CF, Dual
Water VCO - 1/4" COMP**
Part #: FDT-24



**Feedthrough, 1",
Dual Water**
Part #: FDT-35



**Feedthrough Assy 1",
Electrical, 3 Conductor,
HC, Standard**
Part #: FDT-0043



**Feedthrough Assy 1",
Electrical, 3 Conductor,
Filament, Standard**
Part #: FDT-0044



Safety Enclosure,
Part #: FDT-31



Safety Enclosure
Part #: FDT-05



**Feedthrough Assy,
1", Electrical,
3 Conductor**
Part #: FDT-01



**Feedthrough Assy,
1", Electrical,
1 Conductor**
Part #: FDT-01S



**Electrical Feed-
through, LEMO**
Part #: FDT-01L



**Insulator, Feed-
through Sleeve,
Alumina, White**
Part #: FDT-04

eH200 FEEDTHROUGHS

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**Feedthrough
Sputter Cover**
Part #: FDT-02



**Feedthrough,
Sputter Cover,
Single Conductor**
Part #: FDT-02S



**32MM to 1"
Adapter**
Part #: FDT-28



**Cable Assy, Safety
Enclosure, 4 Pin**
Part #: CBL-A0003



**Cable Assy, Safety
Enclosure, 8 Pin**
Part #: CBL-A0013



**Gas Line, 1/4" x 12", SS, Flex,
XBA Adapter Both Ends**
Part #: GAS-0002



**Cable, In-Vacuum,
Hot Filament
LEMO**
Part #: CBL-0046



**Cable, In-Vacuum,
Discharge, Hi-
Temp - In-Line**
Part #: CBL-0035



**Cable, In-Vacuum,
Filament**
Part #: CBL-0029



**Cable, In-Vacuum,
EH200 Cathode
LEMO**
Part #: CBL-0052



**Cable, In-Vacuum,
Cathode,
Hi-Temp - In-Line**
Part #: CBL-0031



**Cable, In-Vacuum,
Keeper,
Male Pin - In-Line**
Part #: CBL-0032



**Cable Assy, Operating,
Hollow Cathode,
Tinned - LEMO**
Part #: CBL-0021-0240



**Cable Assy, Operating,
Filament, 8 Pin - LEMO**
Part #: CBL-0042-0240



**Cable Assy, Operating,
Hollow Cathode,
4 Pin - Tinned**
Part #: CBL-0043-0240



**Cable Assy, Operating,
8 Pin - 8 Pin**
Part #: CBL-0038-0240



**Cable Assy, Operating,
Filament, 8 Pin to 1/4"
Ring Terminal**
Part #: CBL-0027-0240