

122 ()

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



S122
Pressure Gauge



C122
Pressure Gauge

S122/C122/F122

2 Inch Stainless Steel Indicating Pressure Gauges

The Brooks Instrument Models S122/C122/F122 Series 2 inch stainless steel gauges were designed and developed for the demanding high-purity applications of the semiconductor industry. With an accuracy of 1% of full scale, the 2 inch gauges offer a reliable and efficient way to monitor pressure locally. This durable measuring device comes in a variety of process connections, pressure ranges, and socket orientations.

Features

- Stainless steel movement providing precision performance
- Variety of models and pressure ranges to support specific design needs
- 316L stainless steel wetted parts
- Gauges welded in oxygen-free chambers to meet rigid cleanliness and safety guidelines

Applications

Gas delivery systems and tools used for semiconductor processing, including:

- Bulk gas
- Gas cabinets
- Gas distribution
- Gas panels

Product Specifications

Socket Orientation	S122: Stem mounted C122: Center back mounted F122: Center back mounted with stainless steel front flange
Pressure Ranges	Vacuum to 4,000 PSI (276 bar). Metric also available (See Range Tables)
Accuracy	1% of full scale
Helium Leak Check	4 x 10 ⁻⁹ inboard std. cc/sec
Proof Pressure	110%
Burst Pressure	400%
Operating (ambient)	0° to 160°F (-18° to 71°C)
Compensating	20° to 135°F (-7° to 57°C)
Storage	-20° to 135°F (-29° to 79°C)
Cleaning	Cleaned for oxygen service to ANSI B40.1 level IV specifications
Finish	32 Ra standard
Safety Relief	Unrestricted rear blow-out plug
Connections	Face-seal male, face-seal swivel male, face-seal swivel female and 1/4" NPT male
Dial	White with black marking; "Use No Oil" is red
Approximate Shipping Weight	0.5 lbs (0.23 kg)

MATERIALS OF CONSTRUCTION

Case	300 Series Stainless Steel, electropolished
Bezel and Lens	One-piece polycarbonate, screw-on
Socket	316L Stainless Steel
Movement	300 Series Stainless Steel
Bourdon Tube	316L Stainless Steel

Range Tables

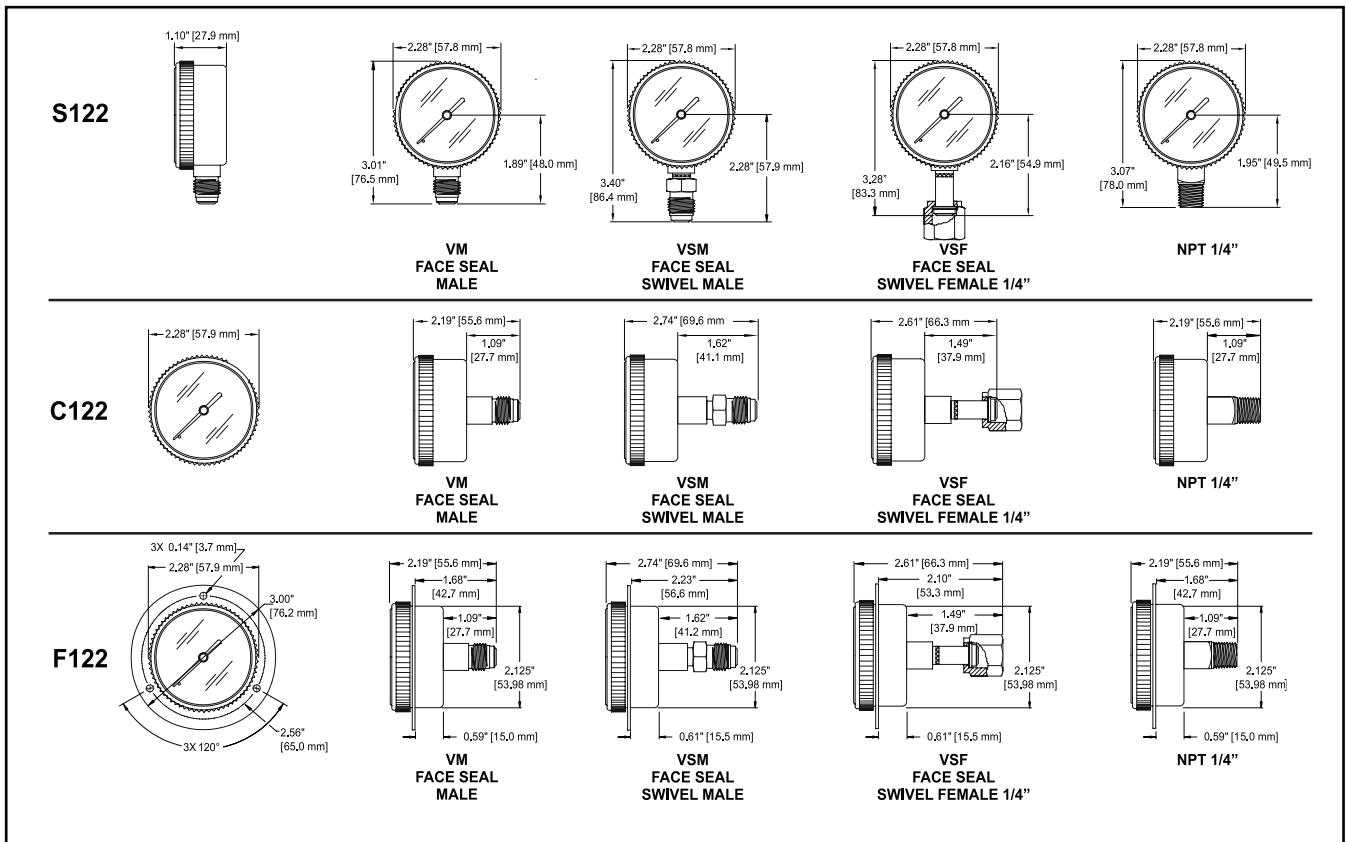
Range	Figure Intervals*	Smallest Interval*
30-0-30	10 in Hg-5 psi	2 in Hg-1 psi
30-0-60	30 in Hg-10 psi	5 in Hg-2 psi
30-0-100	30 in Hg-20 psi	5 in Hg-2 psi
30-0-160	10 in Hg-25 psi	10 in Hg-5 psi
30-0-200	30 in Hg-40 psi	10 in Hg-5 psi

Range	Figure Intervals*	Smallest Interval*
0-1000	200	20
0-3000	500	100
0-4000	1000	100

Range	Figure Intervals*	Smallest Interval*
0-60	10	2
0-100	20	2
0-160	40	5
0-200	40	5

* All figure intervals and smallest interval depicted in this chart represent typical artwork layout and may not be accurate for all gauges.

Note: All ranges are in Hg and/or psi. If a scale other than Hg or psi is required, convert the pressure range code to the customer-specified units and use that in the product description code when specifying the product. For dual range specify the range code for the first engineering unit (ex. For a dual range with units of KGC/IKPA the range should be specified in KGC).



Code Description	Code Option	Option Description
I. Socket Orientation	S	Stem mounted
	C	Center back mounted
	F	Center back mounted with stainless steel front flange
II. Model/Series	122	2" stainless steel gauges
III. Pressure Range		See options in Range Tables
IV. Units	PSI	Pounds per Square Inch
	PSI/Bar	Pounds per Square Inch and Bar
	MPa	Megapascal
	Bar	Bar
	PSI/KGC	Pounds per Square Inch and Kilograms per Square Centimeter
V. Connection	VSM	Face seal swivel male
	VSF	Face seal swivel female
	NPT	1/4" NPT male

Sample Standard Model Code

I	II	III	IV	V
S	122	---	PSI	VM

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	