



Note: Document originally drafted in the English language.  
注释：文件最初用英语起草。

Product Description	
The B-130H housing is designed for Varex Imaging rotating anode inserts having 102 mm (4 inch) diameter targets.	
IEC Classification ..	Class 1
Weight, Approximate:	
Housing .....	20.4 kg (45 lbs)
With Trunnion Rings .....	22.9 kg (50.5 lbs)
With Trunnion Rings and Fan Assembly ..	24.1 kg (53.2 lbs)
Stator Cord ..	6.1M (20 Feet)
Mounting .....	Trunnion or Port (using metric M6 screws)

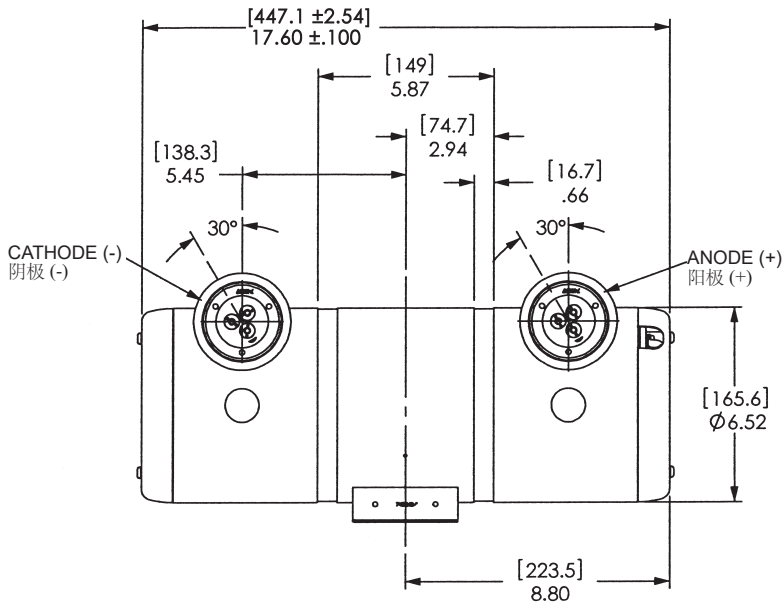
产品说明	
B-130H 管套适用于具有 102 mm (4 in.) 直径靶盘的万睿视影像旋转阳极管芯。	
IEC 分级 .....	1 类
近似重量:	
管套 .....	21.4 kg (47 lbs)
含有管套环 .....	23.9 kg (52.5 lbs)
含有管套环和风扇组件 .....	25 kg (55.2 lbs)
定子电缆 .....	6.1 m (20 ft)
安装 .....	管箍或端口 (使用米制 M6 螺钉)

**Product Description**

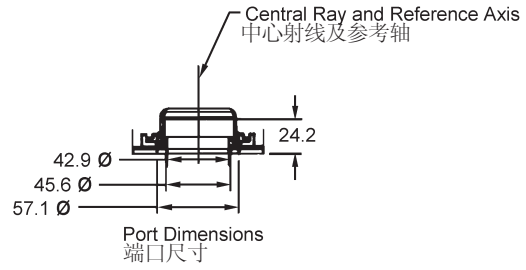
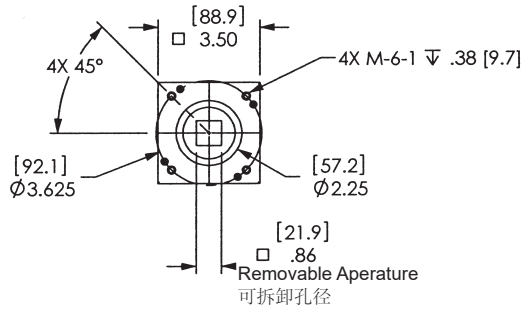
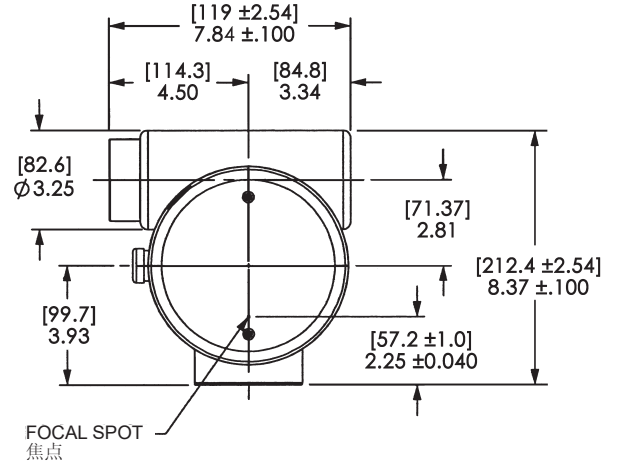
Nominal X-ray Tube Voltage .....	150 kV
Maximum Cathode to Ground .....	75 kV
Maximum Anode to Ground .....	75 kV
Grid to Cathode (If applicable) .....	-4 kV
<b>Grid Control Voltages</b>	
.. Typical Bias Voltage for Cutoff at 150 kV .....	-3600 Vdc
.. Grid Voltage for Exposure .....	0 Vdc
Maximum X-ray Tube Assembly Heat Content .....	1480 kJ (2,000 KHU)
<b>Nominal Continuous Input Power</b> (max. housing temperature 78°C)	
without air circulator .....	222 Watts (300 HU/sec) IEC 60613:2010
with air circulator .....	445 Watts (600 HU/sec) IEC 60613:2010
X-ray tube assembly cooling is provided by ambient air flow.	
<b>X-Ray Tube Assembly</b>	
Permanent Filtration .....	0.7 mm Al/75 kV IEC 60522/1999
High Voltage Cable Receptacles .....	Per IEC 60526
<b>Loading Factors for Leakage Radiation</b>	
without Heat Exchanger .....	150 kV, 4 mA
with Heat Exchanger .....	150 kV, 4 mA for 300/400 KHU Anodes 150 kV, 6.7 mA for 600 KHU Anodes both limited by the anode
Ambient Air Temperature Limits for Operation .....	5°C to 40°C
Temperature Limits for Storage and Transport .....	-20°C to +75°C
Humidity .....	+10% to +90%
Atmospheric Pressure Range .....	70 kPa to 106 kPa
<b>Thermal Switch</b> .....	
Normally Closed .....	7A @ 120Vac or 30 Vdc max.
Open .....	85°C ±3.9°C (185°F ±7°F)
X-Ray Tube Assembly (Complies to) .....	IEC 60601-2-28

**产品说明**

X 射线管的标称管电压 .....	150 kV
阴极与地线的最高电压 .....	75 kV
阳极与地线的最高电压 .....	75 kV
栅极与阴极的电压 (如果适用).....	-4 kV
栅极控制电压 150 kV切断时的典型偏压 .....	-3600 Vdc
曝光的栅极电压.....	0 Vdc
最大 X 射线管组件热容量 .....	1480 kJ (2,000 KHU)
<b>标称连续输入功率</b> (最大管套温度 78°C)	
无风扇 .....	222 Watts (300 HU/sec) IEC 60613:2010
配风扇 .....	445 Watts (600 HU/sec) IEC 60613:2010
X射线管组件通过其周围空气流进行冷却。	
<b>X 射线管组件</b>	
固有滤过.....	0.7 mm Al/75 kV IEC 60522/1999
高压电缆插座 .....	IEC 60526
<b>泄漏辐射测试条件</b>	
无 HE .....	150 kV, 4 mA
配HE .....	150 kV, 4 mA 300/400 KHU 阳极的 150 kV, 6.7 mA 600 KHU 阳极的 限制于阳极
工作环境温度限值 .....	5°C ~ 40°C
存储与运输温度限值 .....	-20°C ~ +75°C
湿度 .....	+10% ~ +90%
大气压范围 .....	70 kPa ~ 106 kPa
<b>热控开关</b> .....	
正常闭合 .....	7 A @ 120Vac 或 30 Vdc max.
打开 .....	85°C ±3.9°C (185°F ±7°F)
X 射线管组件 (符合) .....	IEC 60601-2-28

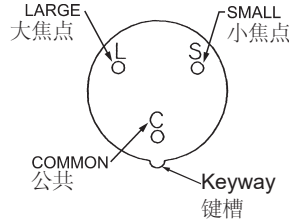


Dimensions are for reference only  
维度仅供参考

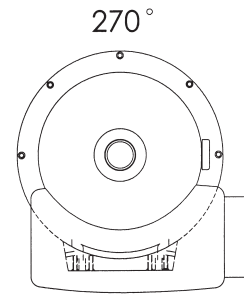
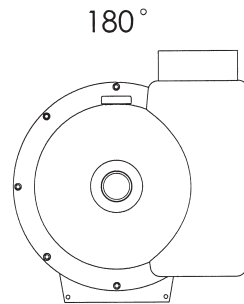
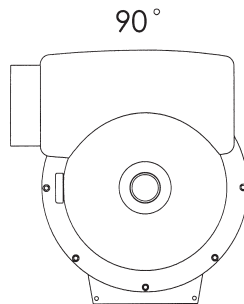
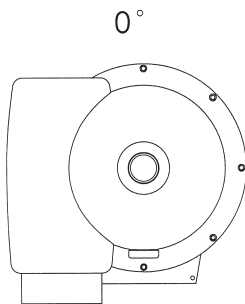
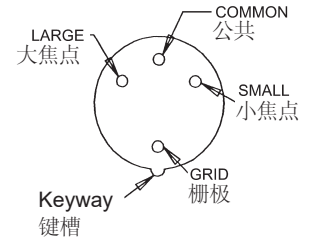


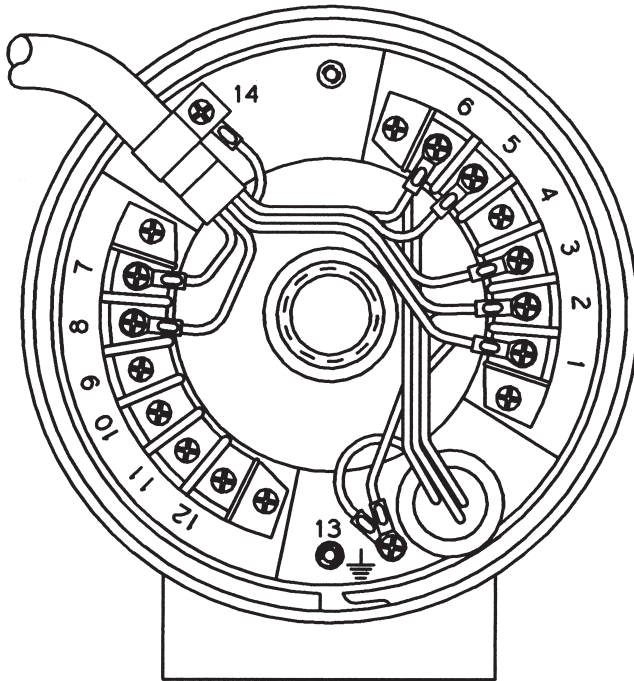
Anode End View  
阳极结尾视图

TWO FOCAL SPOTS  
两个焦点



TWO FOCAL SPOTS GRID CONTROLLED 两个焦点 栅极已控制





Wire Color 导线颜色	Description 描述
1 White 白色	Common 公共
2 Black 黑色	Stator Phase 相
3 Green 绿色	Phase Shift 相移
4 Red 红色	Thermal Switch 热控开关
5 Orange 橘色	Thermal Switch 热控开关
6 Orange 橘色	Thermal Switch 热控开关
7 Fan / 风扇	
8 Fan / 风扇	
Green/Yellow 绿色/黄色	Housing Ground 管套接地线
Shield 护罩	Housing Ground 管套接地线

"R" Stators "R" 定子		
Black - White 黑/白	16 Ω	
Black - Green 黑/绿	66 Ω	
Green - White 绿/白	50 Ω	
180 Hz Cap 180 Hz 电容	6 μF	
60 Hz Cap 60 Hz 电容	30 μF	
"Q" Stators "Q" 定子		
Black - White 黑/白	6 Ω	
Black - Green 黑/绿	17 Ω	
Green - White 黑/绿	11 Ω	
180 Hz Cap 180 Hz 电容	18-21 μF	
60 Hz Cap 60 Hz 电容	65 μF	
"P" Stators "P" 定子		
Black - White 黑/白	16 Ω	
Black - Green 黑/绿	30 Ω	
Green - White 绿/白	14 Ω	
180 Hz Cap 180 Hz 电容	10 μF	
"S" Stators "S" 定子		
Black - White 黑/白	16 Ω	
Black - Green 黑/绿	51 Ω	
Green - White 绿/白	35 Ω	
180 Hz Cap 180 Hz 电容	5 μF	

Stator Drive Frequency 定子驱动频率	RPM
50 Hz	2800 - 3000
60 Hz	3400 - 3600
150 Hz	8500 - 9000
180 Hz	9500 - 10,800

**Stator Power:**  
Time to full speed of the anode is a function of the power rating of the "starter" and the weight / diameter of the anode. All Varex Imaging stator types are rated for regular speed and high speed starters. Time to full speed of 102 mm (4 inch) anode series tubes is between 1.3 and 2.0 seconds.

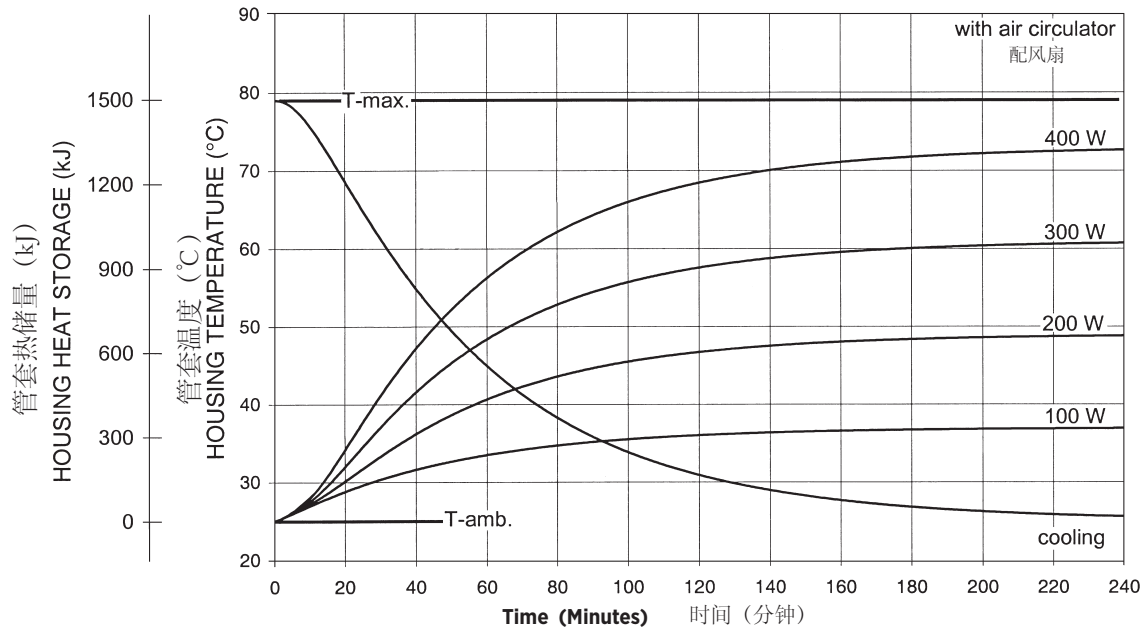
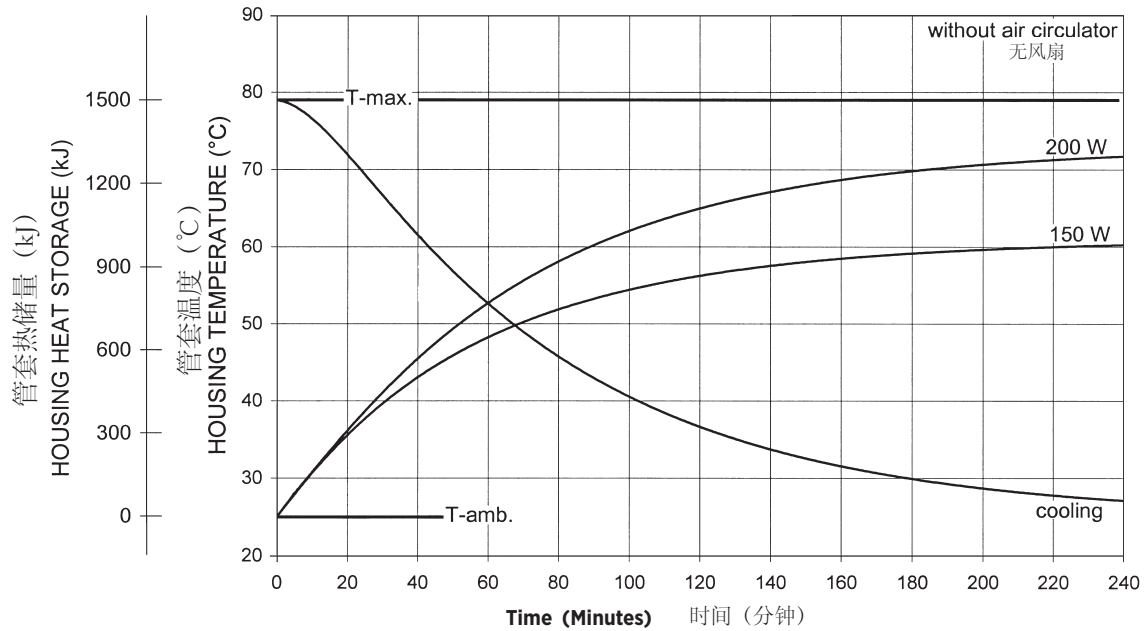
Immediately following high speed anode rotation, the rotor speed must be reduced to 4000 r/min or less within 10 seconds using a suitable dynamic braking device.

No more than two high speed starts per minute are permissible. The starting voltage must never exceed 600 volts rms.

**定子功率:**  
阳极达到全速的时间是“启动器”的额定功率以及阳极重量和直径的函数。万睿视所有型号的定子都按常速和高速启动器进行了检定。102 mm (4in.) 阳极系列管达到全速的时间在 1.3 到 2.0 秒之间。

高速阳极旋转后，转子的速度必须立即下降到 4000 转/分钟，或使用合适的电动制动装置在 10 秒内减速。

每分钟不允许有两次以上的高速启动。启动电压决不能高于 600 伏 rms。



**Caution:**

Housings configured with heat exchangers having long hoses (> 5 ft or 1.5 m) are not configured for operation separate from the associated heat exchanger. In such cases, the tube unit must not be operated unless properly coupled to the heat exchanger. Reference the specific heat exchanger's product data sheet for the associated cooling curves.

**注意:**

配有油管长度大于5英尺或1.5米的热交换器的管套不能在不配备相匹配的热交换器的情况下去运行. 在这种情况下,球管不能正常运行,除非配备热交换器. 相关的冷却曲线可以参考特定的热交换器的产品数据表。

**Note:**

Heat inputs into housing include tube power, filament power, and stator power. Heating curves based on no restrictions of natural convection around tube housing assembly.

**注释:**

向管套的热量输入包括管功率、灯丝功率和定子功率。加热曲线以管套组件周围无自然对流的限制为根据。



Salt Lake City, UT 1-801-972-5000

有关我们全球办事处的完整列表，  
访问[www.vareximaging.com](http://www.vareximaging.com)

Manufactured by Varex Imaging Corporation  
由万睿视影像有限公司生产

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规格如有更改，恕不另行通知。