

# 以色列OPHIR水冷热电堆功率计探头100K-W

产品名称	以色列OPHIR水冷热电堆功率计探头100K-W
公司名称	深圳市博纳德精密仪器有限公司
价格	面议
规格参数	品牌:以色列OPHIR 型号:100K-W
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## 产品详情

产品名称：以色列ophir水冷热电堆功率计探头100k-w

产品型号：100k-w

产品品牌：以色列ophir

ophir一级代理激光功率计探头100k-w

use：measuring highest powers to 100kw

measurement type：water cooled beam absorber chamber with defecting cone. separate power measuring unit monitoring input and output cooling water flow and temperature

波长范围：0.8-1.1  $\mu$  m(b)

探头直径：200

power range for calibrated reading：10kw -c 100kw

power noise level： $\pm$  20w with stable water temperature

backscattered power：less than 1%

limitations on beam：designed for near gaussian beam. beam to be focused with 500 - 1000mm fl lens and meter placed so that the 1/e2 beam diameter on reflecting cone is 100mm in diameter (see sketch above)

beam centering requirements：beam to be centered on defecting cone  $\pm$  5mm and parallel  $\pm$  2degrees

response time : 40s at flow rate 50 liter/min and 60s at flow rate 20 liter/min

power accuracy +/-% : 5(a)

cooling requirements : water flow rate, 50 liters/min at max power. inlet temperature 15-20degc. inlet water temperature rate of change <0.3degc/min at full power, proportionately less at lower power(b)

minimum water flow rate at full power : 25 liter/min

water pressure drop across beam absorber : 3 bar at 50 liter/min flow rate

water connections : up to 4 meters in each direction of 1 ' ' od 13/16 ' ' id flexible nylon tubing

outputs : 1. cable terminated in db15 ophir smart plug reading power

2. cable terminated in db9 plug with rs232 ascii output reading power, flow rate and see drawing below

weight kg : beam absorber 50kg. power measuring unit 10kg

part number : consult ophir representative