美国MICROCURE辐射计MC-2型探头,MC-2太空豆

产品名称	美国MICROCURE辐射计MC-2型探头,MC-2太空豆
公司名称	深圳市比科速科技有限公司
价格	3300.00/个
规格参数	加工定制:否 品牌:美国EIT 型号:MC-2
公司地址	深圳市宝安区沙井中心路
联系电话	0755-33276103 13423951818

产品详情

产品名称：美国microcure辐射计产品型号：mc-2型\\mc10产品品牌: 美国eit产品详细描述：特点: 应用:· 体积小 · 制程空间小/自动化操作的应用 · 重量轻
· 小容器的干燥，如瓶子，罐头盒等 · 电池驱动式 · 纲印（配合连接器） · 高采样率(2,000个/秒)
· 小型输送带式、批量生产的干燥， · 自动开/停机 如半导体印刷、小零件接着等。 · 耐高温
· 统计制品管控制参数资料：量测uv强度范围mc-2低能量：（2w版本） 100mw/cm² to 2w/cm² >超过量测范围，显示闪烁状mc-10高能量：（10w版本）500 mw/cm² to 10 w/cm²光谱量测：uva（320-390nm10%）能量点采样率： 2000/秒总能量： 0-9999 j/cm²分辨率： 0.001j/cm²精确度： 标准:25°C下+/-7% ；超范围之外：每°C-0.2%空间响应： 近似余弦操作温度范围： 15-70°C自动关机时间： 最后一次uv曝光后约4分钟电池： 锂电池micro curetm：标准使用情况下可读数200次(从读表机计数器显示读数次数)微量表寿命： 或首次使用后一年(以校准证书为准)体积： 宽1.3 ” x 高1.0 ” x 深0.25 ” (33.0mmx25.4mmx6.4mm)重量： 0.33盎司（9.4g）材料： 不锈钢，尼龙订购产品信息:microcure辐射计 mc-2microcure辐射计 mc-10microcure读数器 mcr2000(eit辐射计,eit微型能量计,美国eit辐射计)

microcuretmminiature uv radiometer

eit's microcure is an electro-optic unit capable of measuring peak uv intensity and uv dosage applied to a work piece in a uv curing system.

features:small size: 1.3" x 0.95" x 0.25"lightweight: 0.33 ouncesmeasures total energy density in joules/cm2measures peak irradiance in watts/cm2battery poweredhigh sample rate: 2000 samples per secondautomatic operationhigh temperature resistance

applications:uv applications requiring small size and automatic operationsmall container curing (bottles, cans, etc.)three-dimensional objectsweb printingvery small conveyorized and batch applications (semiconductor printing, small part bonders, etc.)statistical process control measurements

introduction

eit's microcuretmmeasurement system is comprised of two separate stand-alone items; the data collection radiometer which is placed in the ultraviolet (uv) environment to be measured, and a datareader which reads and displays the measurement results from the radiometer.

the uv integrating radiometer is a microprocessor-based, electro-optical instrument that measures and accumulates the total uv energy density that is applied to the measurement surface of the instrument. the radiometer measures the total amount of uv energy density that would be impinged on a work piece passing through the curing system and the peak uv irradiance. the radiometer combines very small physical size and adaptability to address a variety of demanding physical and thermal measurement environments.

operation

the microcuretmradiometer is designed to be placed in a uv curing environment so that the uv radiation strikes the radiometer in the same manner it would strike an actual work piece. the radiometer is designed so that when uv strikes the measuring face of the instrument it automatically measures and stores electronically the uv energy density impinged upon it and the peak uv irradiance. upon completion of the measurement the operator places the radiometer in a stand-alone datareader. depressing the "select" button on the datareader downloads the information in the radiometer and displays on an lcd display the total uv energy density and peak uv irradiance seen by the radiometer. a short push of the "select" button toggles between the dosage and uv irradiance measurement readings. pressing the "reset" button on the datareader will clear the electronic storage in the radiometer and the readings on the datareader display. the radiometer is now ready to take another reading.

if no uv radiation above a threshold value is encountered for four minutes, the radiometer will enter a "deep sleep" mode. in the "sleep" mode the radiometer batteries will last a minimum of one year. alternatively, the unit can make 200 measurements on the same battery.

to ensure that the radiometer battery has sufficient remaining energy, the datareader display indicates how many readings have been made by the individual radiometer since new.

the datareader is battery powered and can perform 36,000 readings on a single battery. a low battery condition is indicated on the display.

applications

the microcuretmradiometer is very versatile because of its small size and automatic operation. exact method of use will depend on the given application. some specific examples are:

small conveyor or batch mode – in this application the radiometer is placed in the uv curing environment in the same manner as an actual work piece. the radiometer ’ s very small size and ability to withstand harsh environments provide measurements in such previously inaccessible areas as small conveyorized semiconductor marking, credit cards, small part curing, etc.small containers curing – uv environments encountered in small container curing such as cosmetic containers or drink containers, are generally characterized by putting the radiometer in place of one of the containers. in the case of cylindrical containers like shampoo bottles, the radiometer can be attached to the product using eit's innovative web accessory kit. the radiometer can also be placed inside a container with the measurement being made through a pre-cut hole. the radiometer is retrieved at the end of the process and inserted in the datareader. the data reader displays the radiomenter readings.3-d objects – attach the radiomenter to objects such as furniture or vehicle dashboards to monitor uv levels on unusual shapes and processes.web press – in this application the radiometer is attached and removed from the web using a special web accessory kit. the measurement is made as the radiometer passes under the lamp station in question. (the radiometer is placed on the web while it is stationary or

moving and removed prior to the print station). because of its very small size, it can pass over rollers without damage.compact disc manufacture – the microcuretmradiometer is sufficiently small that it can be inserted directly into one of the cd "nests" to measure the uv radiation used to cure uv coatings and finishes.flexible light guide curing systems – some flexible light guide systems, such as those used in curing adhesives on small objects, are fixed into geometries that make it impossible to place a standard radiometer in the curing region. the microcuretmradiometer's very small size makes such measurements generally possible.

specifications:

spectral response	uva (320-390nm, 10% power points)	
sample rate	2000 per second	
total energy density	0 to 9999 joules/cm2	
resolution	0.001 joules/cm2	
accuracy	+/-7% typical @ 25oc; -0.2% peroc over operating range	
peak uv irradiance	low power (-2 version): 100 mw/cm2to 2w/cm2 high power (-10 version): 500 mw/cm2to 10w/cm2	display flashes on over-range
spatial response	cosine approximation	
operating temperature range	15-70oc internal	
time-out period	approximately 4 minutes after last uv exposure	
batteries	permanent lithium cell	
microcuretmradiometer life	200 readings or 1 year, whichever comes first	
dimensions	1.30" l x 0.95" w x 0.25" t (33.0mm x 24.13mm x 6.35mm)	

user interface	push button switches allow user to display total energy density, peak irradiance, or to reset the unit
dimensions	5.77" l x 4.38" w x 1.45" h(146.56mm x 111.25mm x 36.83mm)
weight	11.75 oz (333.11 grams)
display	4 digit lcd, programmable decimal point
operating temperature range	0-70oc
timeout	30 seconds
package material	steel, nylon, polycarbonate
battery	one user replaceable 9v lithium battery; 36,000 readings or 5 years

web accessory kit

weight	0.33oz (9.4 grams)
materials	plated aluminum, nylon

product ordering information:orders may be placed through your local representative or distributor. call or fax directly to eit at the numbers below.

microcuretmradio meter, 2 watt	mc-2
microcuretmradio meter, 10 watt	mc-10
microcuretmdatare ader	mcr-2000
web accessory kit	wak-1
transport applicator	ta-1
roler (rapid on-line equipment removal)	roler
double sided tape – high tack	dst1
double sided tape – low tack	dst2
transport pad	tp1
carrying case	cc1
datareader battery	drb

本产品的加工定制是否，品牌是美国EIT，型号是MC-2，种类是能量计探头，紫外波长是365，适用范围是UVA