

仪器化复合材料落锤冲击试验机现货成本价

产品名称	仪器化复合材料落锤冲击试验机现货成本价
公司名称	北京冠测试验仪器有限公司市场部
价格	面议
规格参数	品牌:北京冠测 型号:CLC-A
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产品详情

仪器化复合材料落锤冲击试验机

锤头可选择,可根据用户需求配备不同的锤头

设备名称：仪器化复合材料落锤冲击试验机

设备型号：clc-a

满足标准：

iso 3127 iso 6603 iso7765 iso11343 iso8256 pren6038 din 53373

astm d2444 astm d3763 astm d5628 astm d7136 astm d7192

the device name:testing machine of composite impact instrument

the hammer can be selected according to user needs, can be equipped with different hammer

equipment type: clc-a

meet the standard:

iso 3127 iso 6603 iso7765 iso11343 iso8256 pren6038 din 53373

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仪器化复合材料落锤冲击试验机产品概述：

当复合材料板受冲击载荷作用时，一部分冲击动能转变为可恢复的弹性应变能；另一部分却被材料所吸收，造成了不可恢复的损伤。有必要分析材料损伤和能量吸收之间的关系以及能量吸收和冲击能之间的关系。多次冲击和一次冲击的效果是不同的，也有必要对多次冲击下能量的吸收变化进行分析。

为满足上述测试要求，我公司生产的复合材料落锤冲击试验机，采用最新的传感器测控技术，能够实时采集落锤冲击板过程中的速度随时间变化曲线，利用瞬时最大冲击速度和最大反弹速度计算冲击动能和材料损伤时吸收的能量，通过软件数据分析，得到冲击载荷和冲击点位移随时间变化曲线。

目前本复合材料落锤冲击试验机已经应用于多个科研单位及大专院校，所采集精度及测控技术已经达到国际先进水平。

本复合材料落锤冲击试验机可以通过软件进行数据分析：最大冲击力、最大冲击能量、最大冲击速度、材料吸收能量及损伤耗散能量、损伤临界点及脆韧转变点……

仪器化复合材料落锤冲击试验机技术指标：

- 1、有效冲击高度：1500mm
- 2、锤头重量：5kg 15kg 20kg（可根据需要订做）
- 3、锤头自动升降
- 4、自动挂锤和释放锤头
- 5、具有防二次冲击装置
- 6、设备尺寸：长*宽*高=1200*700*2100（mm）
- 7、设备重量：300kg

仪器化复合材料落锤冲击试验机标准配置：

- 1、主机一台
- 2、测控箱一台
- 3、锤头三把
- 4、试样支座二个
- 5、气泵一台

6、电脑 一台

composite materials instrumented drop weight impact testing machine product overview

when the composite plates under impact load, a part of impact kinetic energy into elastic strain energy can be recovered; the other part is absorbed by the material, causing irreversible damage. it is necessary to analyze the relationship between the damage of material and energy absorption and energy absorption and impact energy. multiple sho. multiple shock and a shock effect is different, it is necessary to absorb the impact energy change analysis.

to meet the test requirements, composite drop weight impact testing machine produced by our company, the control technology of the new sensor, capable of real-time acquisition of drop hammer impact in the process of velocity versus time curve, the maximum impact velocity and rebound velocity impact kinetic energy and material damage when the energy absorbed by the software, data analysis get the curve, impact load and impact point displacement variation with time.

at present, the composite impact testing machines have been used in scientific research units and colleges, the precision of data acquisition and control technology has reached the international advanced level.

instrument technology index composite drop weight impact testing machine:

- 1, the effective impact height: 1500mm
- 2, hammer weight: 5kg 15kg 20kg (can be customized)
- 3, the automatic lifting
- 4, automatic hammer hanging and release the hammer
- 5 two times, with anti shock device
- 6, the size of the equipment: length * width * height =1200*700*2100 (mm)
- 7, the weight of equipment: 300kg

instrument composite drop hammer impact test machine standard:

- 1, the main machine
- 2, control box
- 3, the hammer head three
- 4, the sample bearing two
- 5, the gas pump

6, a computer