

열전도율시험기



Thermal Conductivity Tester

장비관리번호	F2009-0335
취득일자	2009-11-16
제조회사	Eko Instruments
모델명	HC-074-200
설치형태	고정설치식

장비용도	· 철도차량 및 시설재료의 기초연소특성평가항목 중 열전도율평가 시험
시험항목	· 열전도율(평판식)
주요사항	<ol style="list-style-type: none"> 1. 본체(Main body) <ol style="list-style-type: none"> 1) Measuring Method : Heat Flow Method (According to ASTM-C518, ISO-8301, JIS-A1412 and KS L-9106) 2) Measuring range : include 0.005 to 0.8W/mK 3) Accuracy : Better than 1% 4) Repeatability : Better than 0.3% 5) Reproducibility : Better than 1% 6) Maximum temperature : 75°C 7) Minimum temperature : -20°C 8) Temperature resolution : Better than 0.01°C 9) Sample Size : 100×100mm to 400×400mm 10) Sample thickness : 0 to 50mm 11) Standard sample : ESP(Expanded Poly-Styrene) or competible 12) Power : AC220V, 50/60Hz 13) Software : Windows(ENG, 98/NT/2000/XP) Based 2. 소프트웨어(Conductivity Software) <ol style="list-style-type: none"> 1) Increased flexibility is made available through the software 2) Window 98 SE/ 2000 ,NT based 3) Allow user to control all Lambda functions from the PC keyboard, to view real-time plots of the variables. or competible 3. 표준시편(Standard Sample) <ol style="list-style-type: none"> 1) For high reliability calibration 2) NIST 1450B, (300×300mm) or competible 3) Include the certification 4. 냉각장치(Circulator) <ol style="list-style-type: none"> 1) Heater capacity : more than 2kw (230V) 2) Working temperature range : -28 ~ 150°C
구성품	<ul style="list-style-type: none"> · 제어장치(Controller) · 시험편 홀더 · 표준시편
담당자	· 박원희 031-460-5358