

# KPM Dew Point Meter (KPM-DPM-01)



## Introduction

KPM-DPM-01 adopts imported film capacitive humidity sensor and micro computer technology. It is developed as an intelligent moisture trace measuring instrument with good performance. Its operation is simple and it has the function of conversion among Td, RH, PPM and software upgrade. The detector can be used in air humidity test including air, nitrogen, inert gas and any air that contains no corrosive medium., especially the humidity test of SF6 air.

## Application

It is used in the industries such as petroleum, chemical, cement, metallurgy, iron and steel, desiccant manufacturers and users, semiconductor manufacturing, drying industry, food industry, plastic substrate drying, machinery manufacturing, air separation and other industries to detect the trace moisture content of various gases.

## Features

- ❖ Zero point and slope self-calibration after start, dew point calibration by single point way for full range (patent technology)
- ❖ Unique gas circuit design, good gas tightness and permeability, water resistance.
- ❖ Large screen TFT liquid crystal displays dew point value and the corresponding RH % relative
- ❖ Humidity value, PPM moisture value
- ❖ Measurement data storage and query
- ❖ Intelligent power prompt, intelligent charging protection
- ❖ Lithium battery offers power supply long standby

## Technical specification

- ❖ Measuring range : -80 -+20 (dew point)
- ❖ Measuring precision: 1  
Resolution ratio: 0.01 (10ppm)
- ❖ Measuring time: 3 minutes/ point
- ❖ Sample flow: 200ml/ min 20%
- ❖ Display method: LCD display, backlight  
Power: AC-DC, working for 12 hours after fully charged
- ❖ Measuring method: self-correcting function
- ❖ Machine weight: 5.0Kg  
Machine dimensions: L W H =250mm  
150mm 300mm



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