

Multi-channel Laser Photometer Dust Trak DRX 8534

SPECIFICATIONS

DustTrak DRX is a multi-channel laser photometer, that provides real-time aerosol mass readings and collects a gravimetric sample. DustTrak DRX measures aerosol contaminants, such as dust, smoke, fumes and mists.

It is suitable for clean office spaces, industrial workplaces, construction and other outdoor locations.



MEASURING METHODS

E.g. ČSN EN 481 (833621) Workplace atmosphere. Size fraction definition for measurement of airborne dust. ÚNMZ, 1994; Government regulation No. 361/2007 Coll., which lays down the conditions for health protection at work, as amended.

OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

On-line measured mass concentration of particles of several size fractions - TOTAL, PM_{10} , RESP, $PM_{2.5}$, PM_1 , weight distribution of particles / $mg.m^{-3}$.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Atmosphere up to a particle concentration of max $150 mg.m^{-3}$.