Application Range of PESOLA Spring Scales

PESOLA 彈簧秤之應用範圍

Security in Buildings 建築安全之應用

Application:

Measuring of door closing or opening force e.g. for panic doors, emergency exits and elevators

量測門的關閉或開啟力量, 例如逃生門，緊急出口和電梯

Product:

Macro-Line Spring Scales with newton graduation, transformed into a pressure dynamometer with accessory No. 8.004.
Additional accessories: multifunctional cap (item No. 8.032) or large hock with protective plastic coating (item No. 8.066)

Videos:

https://www.youtube.com/watch?v=gOWOqqxR9V8
https://www.youtube.com/watch?v=BaDXCsBAuZU
https://www.youtube.com/watch?v=PBSPjfdzQhU

Filling Level Control 填充量之控制

Application:

Measuring the filling level of fire extinguishers, gas bottles etc.

測量滅火器，煤氣罐等的填充量

Product:

Macro-Line spring scales

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Packaging Industry 包裝產業

Application:

Pull force testing, in particular for sealable packaging

拉力測試，特別是密封包裝

Product:

Medio-Line Spring Scale, 25 Newton (e.g. item No. 40025)
with accessory strong clamp with eye-clip (item No. 4.042)

Electronic Industry 電子產業

Application:

Measuring contact pressures 測量接觸壓力

Product:

Medio-Line Spring Scales with newton graduation,
transformed into a pressure dynamometer with accessory No.
4.004.
Additional accessory drag pointer (item No. 4.012)

School and Education 教學及學術單位

Application:

For science education in schools, in particular for physics and
chemistry lessons

對於學校的科學教育，特別是物理和化學課

Product:

Light-Line spring scales, available with metric or newton
graduation

Medical Industry 醫療產業

Application:

Measuring infused volume   測量輸液量

Product:

Infusion and dosage spring scale (item No 11000/5 and 13000/5) with inverted scale for direct reading of volume infused. Scales are suitable for sterilization.

Fishing 漁業

Application:

Weighing fish 漁產重量的量測

Product:

Medio-Line Spring Scale

Agriculture 農業應用(一)

Application:

To measure fertilizer dosage, evaluating the right harvesting time or yield measuring

測量化肥用量，評估合適的收穫時間或測產

Product:

Medio-Line Spring Scale

Agriculture 農業應用(二)

Application:

Evaluating the right harvest time of olives by measuring the fruit attachment force (FRF), respectively the fruit removal force.

通過測量水果附著力（FRF）來評估正確的收穫時間

Product:

Medio-Line Scales, with hook for olives (item No. 41000/12)

Animal Research 動物研究

Application:

For example: Measuring the weight of birds and longitudinal growth control

例如: 測量鳥類的重量及記錄其生長

Product:

Medio-Line Scales, with bird weighing cone (item No. 3.655)

Numismatics 錢幣

Application:

Measuring the weight of coins 測量硬幣的重量

Product:

Micro-Line Scales

Textile Industry 紡織業

Application:

Determine the tension of the thread at a sewing machine

確定縫紉機上的線程的張力

Product:

Medio-Line Spring Scale, including yarn clamp (item No. 40300/3 and 41000/3)

High-End Record Player 高端使用者記錄

Application:

Determine the bearing strength of pick-ups

判斷軸承的承載強度

Product:

Scale for adjustment of pick-up

Other Applications

Machine industry 機械產業**:**   Tensile measurements of any kind
Textile industry 紡織業**:**   Tensile or rupture test of yarn, density of cloth
Arms industry 軍事單位**:**   Recuperating spring and trigger tension
Household, office 居家, 辦公室**:**   Weighing letters, parcels, baggage
Publicity 廣告**:**   Advertising giveaways (with printed logo)
Biology and ecology 生物和生態**:**   Field work
Paint trade 塗料行業**:**   Measuring paints and solvents
Sports 運動用品: Adjusting and weighing equipment (e.g. mountain bike)
Model making, hobbies 模型製作，業餘愛好**:**   Measuring two component epoxies
Sailing 帆船: Tension of rigging, weight of accessories
Gardening 園藝**:**   Rationing seeds, fertilizers and insecticides