



Produktbeskrivelse

Afbryderboksen anvendes som tilbehør til luftpudebænken, når der udføres accelerationsforsøg, dvs. at afbryderen medvirker til at sikre en ens igangsættelse af slæden på luftpudebænken under forsøgene.

Afbryderen indgår i en opstilling, hvor den indsættes mellem strømforsyningen og affyringsmekanismen 195210. Afbryderboksen bruges til at sende et startsignal til en elektronisk timer (200270/200285) eller en speedgate (197570), samtidig med strømmen gennem spolen i affyringsmekanismen afbrydes.

Strømforsyningen er en 12 V netadapter (den medfølger).

Anvendelse

Afbryderboksen bruges til at sende et startsignal til en elektronisk timer (200270/200285) eller en speedgate (197570), samtidig med strømmen gennem spolen i affyringsmekanismen afbrydes.

Strømforsyningen er en 12 V netadapter (den medfølger).

Tilslutning

I opstillingen med luftpudebænken der fungerer afbryderboksen som elektrisk afbryder ved at den kobles sammen med den elektriske afbrydermekanisme og den elektriske timer enhed. Hvis opstillingen inkluderer en elektrisk tæller i form af 200270 skal opstilling følgende princippet for figur 1A.



Tilbehør

- 195050 Luftpudeskinne
- 195210 Affyringsmekanisme
- 197570 Speedgate (mulighed 1)
- 200270 Elektronisk tæller (mulighed 2)
- 200285 Elektrisk stopur, elev (mulighed 3)



Accessories

- 195050 Airtrack
- 195210 Electric Launcher
- 197570 Speedgate (option 1)
- 200270 Universal Timer (option 2)
- 200285 Student Timer (option 3)

Product descriptions

The switch box is used as an accessory for the airbag bench when acceleration tests are carried out, i.e., that the switch helps to ensure an even start-up of the sled on the air cushion bench during the tests.

The breaker is part of an arrangement where it is inserted between the power supply and the firing mechanism 195210. The breaker box is used to send a start signal to an electronic timer (200270/200285) or a speedgate (197570), at the same time as the current through the coil in the firing mechanism is interrupted. The power supply is a 12 V mains adapter (it is included).

Operation

The switch box is used to send a start signal to an electronic timer (200270/200285) or a speedgate (197570), simultaneously cutting the current through the coil in the firing mechanism.

The power supply is a 12 V mains adapter (it is included).

Connections

In the setup with the air cushion bench, the switch box functions as an electrical switch by connecting it to the electrical switch mechanism and the electrical timer unit. If the setup includes an electric counter in the form of 200270, the setup must follow the principle of Figure 1A.

