

## 400S Force Plate Aluminium Transit Case

---

The completely packed 400S Force Plate Unit has a total mass of less than 32Kg (FP with feet & cables 19.5 Kg, Carry Case less than 11.5 Kg = 31 Kg.) This means it can be checked in as regular baggage on commercial airlines where normal max limit per item is 32Kg.



The carry case is made from fabricated Aluminium RHS frame with 1mm thick Aluminium sheets on the base & top.

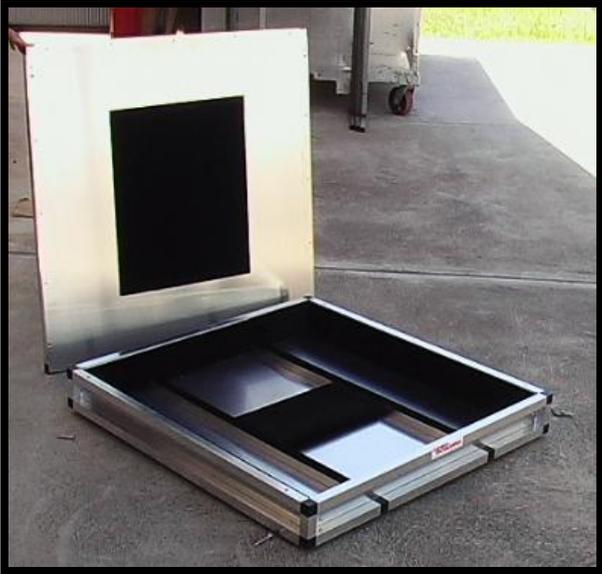
The Aluminium Case (0.88L x 0.86W x 0.14H Weight = 11.5Kg) can easily be lifted by one or two people with the FP locked inside.

When the 400S plate is fitted & the 4 x lid connection screws are secured it forms a solid transit unit with nil internal movement possible.

A Metric No.5 Allen Key secures the lid & base case halves for transit. This Allen key + the below stated carry strap can be carried as aircraft hand luggage (unlike all screwdrivers etc.)



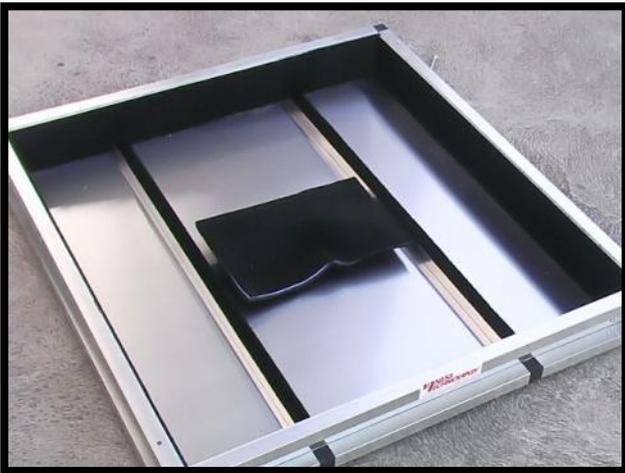
**Packing the 400 Series Platform into the Aluminium Transit Case**



Remove the feet from the force plate and place them in the pouch.

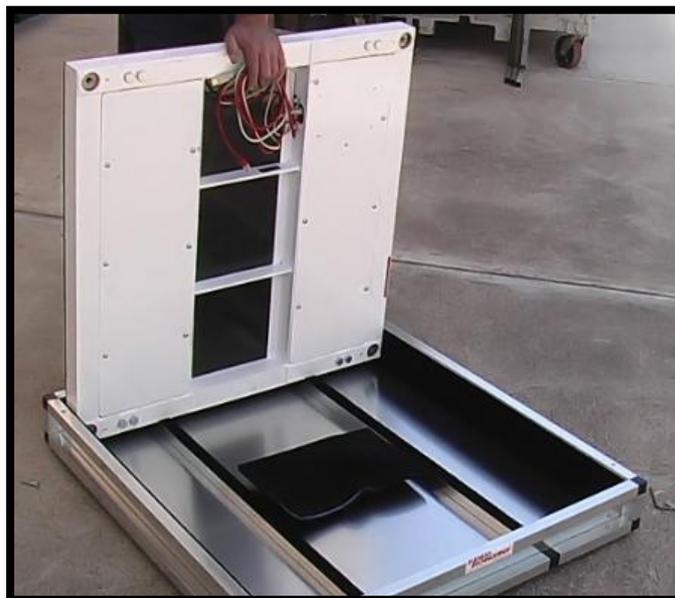


Place the pouch back in the base of the aluminium transit case



Secure the 2 cables to the base of the force plate and position the plate as shown below

- USB lead connects to Laptop.
- The Patch Cord with US 8/8 pin connects to Linear Position Transducer lead RJ45 socket (when required?)



Lower the plate with your hand positioned on the side with the two Polystone spacers (see below).

*Note the spare screw for securing the top of the transit case.*



Place the lid on the transit case so that the Fitness Technology stickers are correctly aligned.



Secure the 4 x countersunk screws using the supplied Metric No.5 Allen Key



Now attach the carry strap



Slide the strap under one of the square aluminium corners of the transit case.



Then slide under the opposite square aluminium corner.



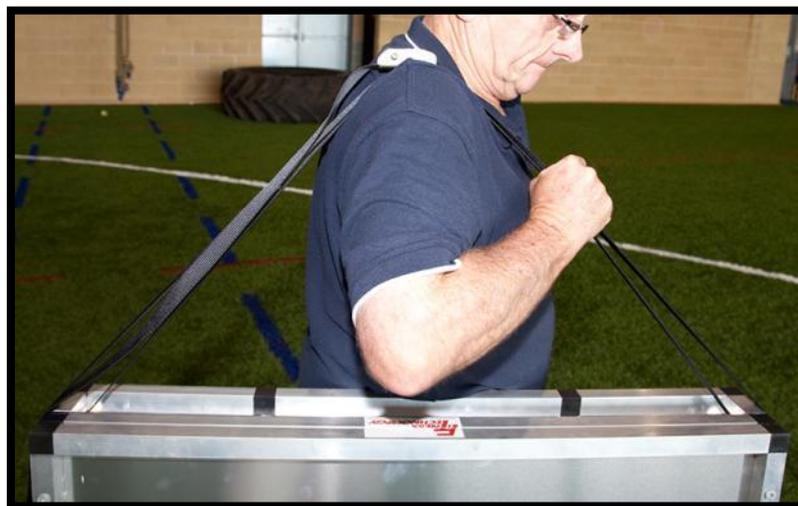
Bring both ends of the carry strap together and feed the end through the cam buckle clasp as shown below



Push down on the locking plate to get the strap through and pull to desired length.



This can then be used to carry the transit case.



**Special Note** – this carry strap should be removed & carried with the Metric No.5 Allen key as hand luggage. Alternatively fit this strap inside the crate just before checking this transit crate thru as luggage. This strap should not be left on when checking this luggage thru on to flights as it could get damaged on air cargo conveyor belts