

PORTABLE WEIR PLATES



Portable Thin-Plate Weirs Plates from Openchannelflow offer an economical and flexible method of measuring open channel flows in natural channels.

Interchangeable weir plates mounted to a common weir carrier provide unparalleled flexibility and allow the weir configuration to be tailored to the specific needs of each site.

Each Portable Weir Plate set comes with (4) interchangeable weir plates:

- 22-1/2° V-notch
- 45° V-notch
- 90° V-notch
- 12-inch [30.48 cm] Cipoletti

Additional (and replacement) weir plates are available.

Precision cut from stainless steel, the Weirs of our Portable Weir Plate Sets are designed for years of service under even the most rugged conditions. Should any part of the weir plate set fail, however unlikely, computer controlled production guarantees replacement fit.

APPLICATIONS



- *Small Stream / Creek Monitoring*
- *Runoff Capture*
- *Educational / Training*
- *Short-Term Flow Studies*
- *Spot Flow Verification*
- *Stormwater Channels*

MATERIALS



The interchangeable weir plates are constructed from T-304 stainless steel. The carrier is lightweight aluminium.

Stainless steel is rugged, holds an edge (important for a properly formed weir crest), and can be laser or water jet cut for extreme precision. Other materials are prone to loose dimensional tolerances, swelling, and are susceptible to crest damage.