

TITLE: FAST CURRENT TRANSFORMER

DESCRIPTION:

Fast Current Transformer (FCT) is used for non-destructive measurement of pulsed beam current. It is a passive, in-flange FCT. It consists of stainless steel CF150 conflate flanges, a ferrite core and an Alumina ceramic brake. A BNC connector is provided for measurement. It can be used to measure pulse beam currents of duration up to 10 μs , has a sensitivity 3 V/A and droop is less than 5%/ μs . It is UHV compatible.

It is an Import Substitute. Currently FCT is not available in Indian market.

Technology Creation Date: June 2019

