The IN-80A will insert or extract a CH-8 or a CH-9 core housing and positively hold it up in the adapter body out of the air or liquid flow when filling or evacuating a tire. The inflator adapter can be attached to any liquid filling tire pump since it has a 1/2” pipe thread. With the adapter attached to the valve the pressure in the tire can be checked without disconnecting it from the valve, with either a large or a standard bore gauge, through the end of the adapter stem. All IN-80A parts are solid brass except the collet, which is stainless steel, and the hand knob which is aluminum.