



## UNIVERSAL HAND TORCH

The Universal Hand Torch is manufactured of brass with chrome plating for the nozzle, feed tubes, and valve body. Red and green anodized aluminum valve handles are standard. The mixing of gases takes place inside the torch body, enhanced by the carburetor unit. The Universal is balanced to allow a comfortable grip and still afford ease of movement. Carlisle also offers the option of an ergonomic wooden handle that encases the feed tubes. The Universal Hand Torch can be used with natural gas, propane, or mixed gas and air or oxygen.

The torch is available with either a 1/4" Nozzle (1/4"-28M thread) or a 3/8" Nozzle (3/8"-32M thread), which are interchangeable. Both can be used with either gas/oxygen or gas/air. These two nozzles will utilize different carburetors. The 1/4" Nozzle uses the #74 Carburetor and the 3/8" Nozzle uses the #34 Carburetor.

The Universal Hand Torch is available in several different packages shown in the chart on the next page. Also available is the Universal Shorty Torch with shorter feed tubes and a shorter non-angled nozzle. It allows for a suitable mount for repetitive bench work. It is commonly used with a gas/air fishtail for lipstick flaming.

The Universal Bench Stand is an additional option. This allows the Universal Hand Torch to be set into a clamp that holds the torch by the feed tubes and at an angle so that the Hand Torch may be used as a bench burner. The clamp arm has versatile articulation for effective positioning of the torch. The lightweight Bench Stand should be secured to the bench top.



Universal Hand Torch with 3/8" Nozzle  
22B006-0000

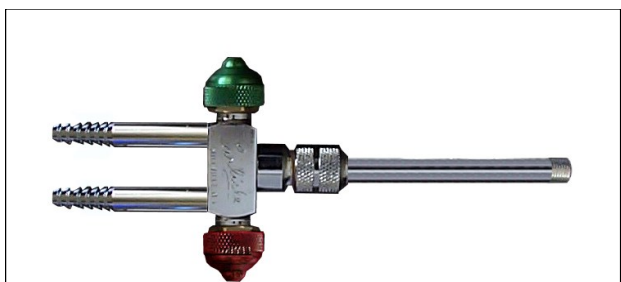


Universal Hand Torch with 1/4" Nozzle  
22B006-1000

"Tips Sold Separately! See 15A"

### BULLETIN REFERENCES

|                     |                             |
|---------------------|-----------------------------|
| Other Hand Torches- | Bulletin 22A, 22C, 22D, 22E |
| Nozzles-            | Bulletin 22F                |
| Oxygen Tips-        | Bulletin 15A, 15B, 15D      |
| Air Tips-           | Bulletin 19C, 19D           |



Universal Shorty Torch with 3/8" Nozzle  
22B006-2000

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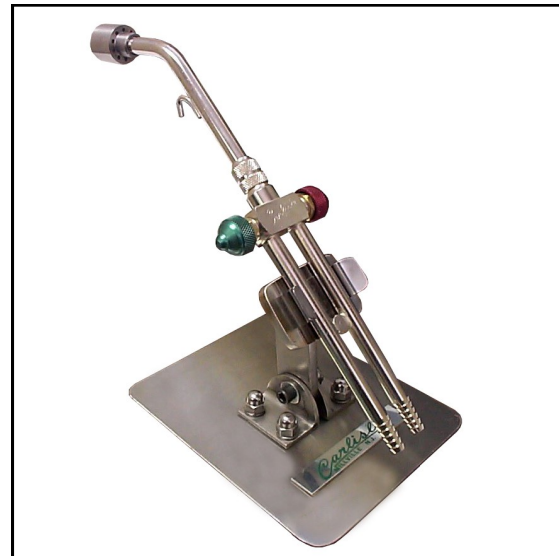


| CATALOG NUMBER | PACKAGE NUMBER | NOZZLES       | TIPS                 |
|----------------|----------------|---------------|----------------------|
| 22B001-0000    | GA             | 3/8"          | #0, JM-3             |
| 22B002-0000    | GO             | 1/4"          | OX-2, OX-4           |
| 22B003-0000    | GAO #1         | 1/4" and 3/8" | #0, JM-3, OX-2, OX-4 |
| 22B004-0000    | GAO #2         | 1/4" and 3/8" | #1, #2, O-3          |
| 22B005-0000    | GAO #3         | 3/8"          | #1, #2, AK-3         |



**Unecon Hand Torch  
22A001-0000**

| CATALOG NUMBER | DESCRIPTION   |
|----------------|---|
| 22B006-0000    | Universal Hand Torch with #34 Carburetor and 3/8" Nozzle        |
| 22B006-1000    | Universal Hand Torch with #74 Carburetor and 1/4" Nozzle        |
| 22B006-2000    | Universal Shorty Hand Torch with #34 Carburetor and 3/8" Nozzle |
| 22B006-1100    | Universal Shorty Hand Torch with #74 Carburetor and 1/4" Nozzle |
| 22B008-0000    | Universal Red Stem Valve Assembly                               |
| 22B008-1000    | Universal Green Stem Valve Assembly                             |
| 22B009-0000    | 3/8" Nozzle   |
| 22B010-0000    | 1/4" Nozzle   |
| 22B013-0000    | #74 Carburetor for use with 1/4" Nozzle                         |
| 22B014-0000    | #34 Carburetor for use with 3/8" Nozzle                         |
| 22B018-0000    | Universal Bench Stand   |
| 22B022-0000    | Seal Kit for 1/4" Nozzle  |
| 22B023-0000    | Seal Kit for 3/8" Nozzle  |
| 22B025-0000    | Universal Ergonomic Wooden Handle                               |



**Universal Bench Stand  
22B018-0000**



**Universal Ergonomic Wooden Handle  
22B025-0000**

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# Carlisle

Supplying the Artistic Glassworking Community with the Fire Power and Reliability to get the Job Done All in one Package!



## GLASSWORKING TORCH PACKAGE (22B000-0000).

### INCLUDES:

(1) 6" X 1"- 90 DEGREE NOZZLE (22B010- 0004), (1) 4" X 1"- 90 DEGREE NOZZLE (22B010- 0002), (1) 4" X 4"- 45 DEGREE NOZZLE (22B010- 0003), (1) 1" X 4"- 45 DEGREE NOZZLE (22B010- 0001). (1) 1381-19 HUSH TIP (15D002- 1000) AND ADAPTER, (1) OX-5 TIP (15A058- 0000), (1) OX-3 TIP (15A054- 0000). (1) UNIVERSAL HAND TORCH WITH STANDARD NOZZLE AND WOODEN HANDLE (22B025- 0000). YOUR CHOICE OF HOSE BARBS (22B006- 1000) OR (B-STYLE) WELDING HOSE ADAPTERS (22B006-1100) ON UNIVERSAL HAND TORCH INFEEDS.

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