

**INSTALLATION INSTRUCTIONS**  
INTERFACE PART NUMBER 14-5072-086  
Cable, Bakeout Switch, 2016

*Note: This cable can only be used when the Tekmar 2000 is equipped with ROM version 1.9 (or earlier - prior to S/N 91092006). If you have ROM version 2.0 or greater, you do not need this cable.*

The 2016 bakeout cable allows you to bypass the GC Ready signal and automatically bake out and clean each position of the 2016/2032 autosampler immediately after or prior to beginning a new sampling sequence. When in the bakeout mode, the cable will prevent the GC from starting at the beginning of Desorb mode on the 2000.

### ***Installing the Cable***

On one end of the cable is a switch box labeled "2016 Normal" and "2016 Bakeout". The pin side of the connector end of the cable plugs into the rear of the Tekmar™ 2000 where it is labeled GC/IO (remove the GC/IO cable first). Plug the GC/IO cable into the other end of the connector side of the bakeout cable.

See the diagram on the opposite side of this page for an illustration of the cable.

### ***Activating the Bakeout Function on the 2016/2032***

Once the cable is properly installed, you can activate the Bakeout feature by:

- 1) Removing the existing glassware (containing samples) from all positions\*.
- 2) Installing clean, dry glassware onto all positions.
- 3) Flipping the switch to the "2016 Bakeout" setting on the switch box.
- 4) Choosing Method 1, 2, 3, or 4 as your **Bakeout Method** (Method 4 is recommended).
- 5) Setting the following bakeout method parameters:

- Standby temperature                    300° C (max. of 100° C with ROM v. 1.8 and earlier)
- Purge time                                0 min.
- Dry purge                                 0 min.
- Desorb/preheat temp.                175° C
- Desorb/preheat time                 0 min.
- Bake time                                 Varies depending upon desired parameters (typically 5 minutes)
- Bake temp.                                Varies depending upon trap type (typically 225° C)
- Bake Gas Bypass                        Off

- 6) Running the method.

\*If you have and are using AutoDrain on your 2016, you can skip steps #1 and #2.

***Note: Be sure the MCM™ Bake parameter is set to "HEAT" when using ROM version 1.9.***

***Note: Before resuming normal sample operations, be sure you have selected the appropriate method for your particular sample type and have switched back to "2016 Normal" on the bakeout cable.***