

Jeanne and Ed Tiedemann's
 Diving Center
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Tiedemann's Diving Center
Cavern and Cave Diving
Equipment Requirements



Key: A=Acceptable for use, H=Highly Recommended, R=Required, #=Quantity or item required

*** Equipment that can be rented in Florida.**

Equipment	Cavern Diver	Intro to Cave / Basic Cave Diver	Apprentice / Full Cave Diver
2 Tanks (85cuft or larger) *	R		
2 Tanks (85cuft or larger) with Dual-orifice (Y or H) tank valves *	H	R	
Doubles (85cuft tanks or larger) * <i>Required for Basic Cave Diver certification</i>	A	A/R	R
Regulator with Primary and Secondary second stages	R		
Regulator with a Primary second stage		R	R
An additional regulator (with first and second stages) for use with doubles		R	R
7-foot regulator hose	R	R	R
Full wet suit with hood and boots	A	A	A
Drysuit (with P-valve)	H	H	H
BCD or backplate and wing with power inflator	R	R	R
Pressure gauge	R	R	R
Bottom timer or dive computer and dive tables	R	R	R,2
Depth gauge with MDI	R	R	R
Weight belt and weights if necessary	A	A	A
Wrist Slate			R
Primary dive light (may be rechargeable but non-lantern or pistol-grip style)	H	R	R
Small Backup light (non-rechargeable, non-lantern or pistol-grip style)	R	R,2	R,2
Primary cave-diving reel with approximately 350-400 feet of guideline	H	R	R
Safety reel or line spool (minimum of 140ft of line)	R	R	R
Jump/Gap reel or line spool (minimum of 50ft of line)			R,2
Cutting tools	R	R	R,2
Line Arrows		R,3	R,5
Line Markers (Cookies)		R,2	R,2
O ₂ Clean Deco bottle (30 cuft min) *			R
O ₂ Clean Dedicated Deco Regulator with minimum 39" regulator Hose and pressure gauge (on 6" HP hose recommended)			R
Dive Accident Insurance	R	R	R

It is also strongly encouraged that you discuss the suitability of the equipment you own with the course coordinator Jim Vafeas before bringing it to class. Equally important, do not purchase any new equipment for Cavern or Cave Diver training without discussing it with us first. Equipment that isn't right can distract from your enjoyment of Cavern and Cave Diving, and interfere with the learning process. In some instances, it can actually be unsafe. Please contact the course coordinator Jim Vafeas with all your equipment questions and concerns at 631-756-0924.